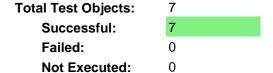
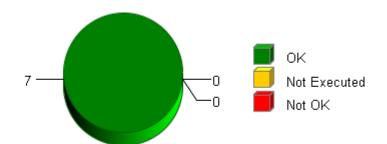


Summary

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

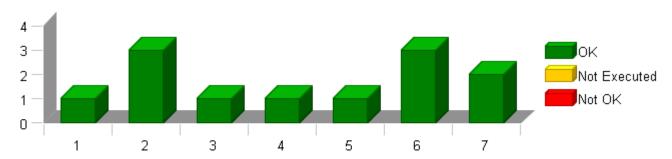
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: No

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)

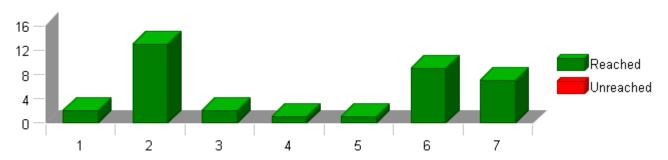


The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results



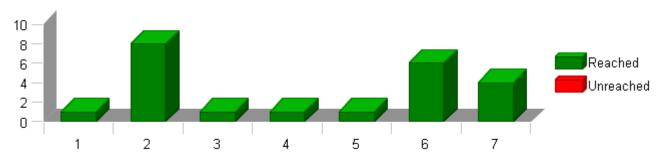
do not take into account any coverage result (i.e. if all test cases of a test object are passed in this table but the coverage is failed, the overall test object result will be failed).

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



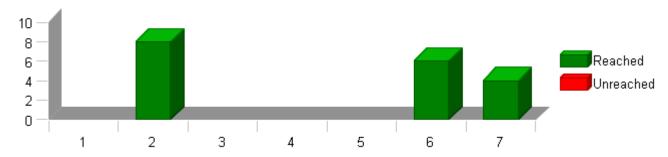
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

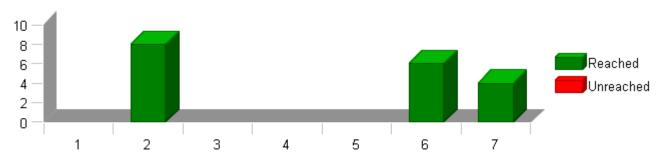


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



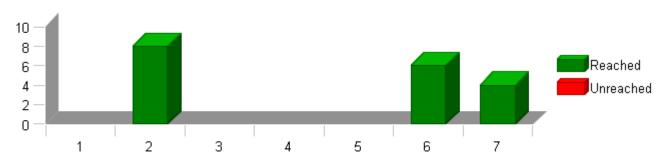
MC/DC Coverage: Total Condition Combinations for Each Test Object



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 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 Res	sult
	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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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

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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: Metrics Test

Specification

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

CPU Cycles:

TS1.1 326.00 Cycles TS1.2 346.00 Cycles

Description

Test Vector Description:

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

T				✓	
Actual Function	Count	Expected Function	Count	Resu	lt
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	

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Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	127118.836	127118.835 ± 0.0625	✓

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

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

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	100.02		
PreDecelGain_Uls_M_f32	125487.235		
VehicleLonAccel_KphpS_T_f32	-10		
k_DmpDecelGainFSlew_UlspS_f32	100.02		
k_DmpDecelGain_Uls_f32	2.1		
k_DmpGainOffThresh_KphpS_f32	11.5		
k_DmpGainOnThresh_KphpS_f32	5.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	448		
Name	Actual Value	Expected Value	Result
DecelGain()	125487.031	125487.035 ± 0.9	~
PreDecelGain_Uls_M_f32	125487.031	125487.035 ± 0.0625	✓

T				
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	

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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	✓

T .				V	
Actual Function	Count	Expected Function	Count	Res	ult
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	✓

T .				V	l	
	Actual Function	Count	Expected Function	Count	Result	ı
	IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	ï

Test Step 2.4 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-1118	
PreDecelGain_Uls_M_f32	1.	
VehicleLonAccel_KphpS_T_f32	-10	
k_DmpDecelGainFSlew_UlspS_f32	1	
k_DmpDecelGain_Uls_f32	2	
k_DmpGainOffThresh_KphpS_f32	0	
k_DmpGainOnThresh_KphpS_f32	0	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	0	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	0	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	8	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	8	

DecelGain

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Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8		
Name	Actual Value	Expected Value	Result
DecelGain()	1.00199997	1.002 ± 0.000009	✓
ProDocolCoin IIIo M f22	1.00100007	1 002 + 0 0625	

T ✓					
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

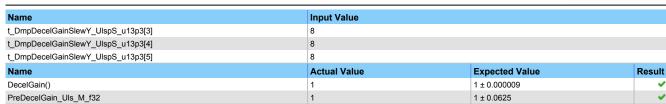
Test Step 3.1 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-1118
PreDecelGain_Uls_M_f32	1
VehicleLonAccel_KphpS_T_f32	-10
k_DmpDecelGainFSlew_UlspS_f32	1
k_DmpDecelGain_Uls_f32	1
k_DmpGainOffThresh_KphpS_f32	0
k_DmpGainOnThresh_KphpS_f32	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	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

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T					
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	•

T				✓
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	✓



Actual Function



Count Result

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	_

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

IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Test Step 3.5 (Repeat Count = 1)				✓
Name		Input Value		
CRFMotorVel_MtrRadpS_T_f32		-100.04		
PreDecelGain_Uls_M_f32		125691.185		
VehicleLonAccel_KphpS_T_f32		0		
k_DmpDecelGainFSlew_UlspS_f32		300.06		

Count Expected Function

CRFMotorVel_MtrRadpS_T_f32	-100.04		
PreDecelGain_Uls_M_f32	125691.185		
VehicleLonAccel_KphpS_T_f32	0		
k_DmpDecelGainFSlew_UlspS_f32	300.06		
k_DmpDecelGain_Uls_f32	4.2		
k_DmpGainOffThresh_KphpS_f32	33.35		
k_DmpGainOnThresh_KphpS_f32	15.32		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	125690.586	125690.5849 ± 0.9	~

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

125690.586

PreDecelGain_Uls_M_f32

125690.5849 ± 0.0625



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	✓

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

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

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	_

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

DecelGain

PreDecelGain_Uls_M_f32

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125995.9099 ± 0.0625

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	

T					✓
Actual Function	Count	Expected Function	Count	Resu	lt
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		~

125995.906

Test Step 3.9 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	1118		
PreDecelGain_Uls_M_f32	126099.085		
VehicleLonAccel_KphpS_T_f32	-3.3		
k_DmpDecelGainFSlew_UlspS_f32	700.03		
k_DmpDecelGain_Uls_f32	8.7		
k_DmpGainOffThresh_KphpS_f32	24.21		
k_DmpGainOnThresh_KphpS_f32	2.58		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	126097.688	126097.6849 ± 0.9	~
PreDecelGain Uls M f32	126097.688	126097.6849 ± 0.0625	✓

T				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)		
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	

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DecelGain

Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	3616		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	3632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	3640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	3648		
Name	Actual Value	Expected Value	Result
DecelGain()	126199.461	126199.4599 ± 0.9	~
PreDecelGain_Uls_M_f32	126199.461	126199.4599 ± 0.0625	✓

T					V
Actual Function	Count	Expected Function	Count	Resu	lt
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	~

T				V
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	~





T					
Actual Function	Count	Expected Function	Coun	t Resu	lt
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		~

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

Τ						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-		

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-200.31		
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	✓

T						
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	✓

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

Test Step 3.16 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-300.63		
PreDecelGain_Uls_M_f32	126812.91		
VehicleLonAccel_KphpS_T_f32	9.3		
k_DmpDecelGainFSlew_UlspS_f32	1400.01		
k_DmpDecelGain_Uls_f32	1		
k_DmpGainOffThresh_KphpS_f32	24.12		
k_DmpGainOnThresh_KphpS_f32	11.21		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5280		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5312		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5344		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5376		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5408		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5440		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1480		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1488		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1496		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1504		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1512		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1520		
Name	Actual Value	Expected Value	Result
DecelGain()	126810.109	126810.11 ± 0.9	~
PreDecelGain_Uls_M_f32	126810.109	126810.11 ± 0.0625	~

T ✓							
Actual Function	Count	Expected Function	Count	Result			
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	_			

Test Step 3.17 (Repeat Count = 1)	
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	400.75
PreDecelGain_Uls_M_f32	126914.885
VehicleLonAccel_KphpS_T_f32	-1.2
k_DmpDecelGainFSlew_UlspS_f32	1500.04
k_DmpDecelGain_Uls_f32	10
k_DmpGainOffThresh_KphpS_f32	32.41

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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	•
PreDecelGain Uls M f32	126911 883	126911 8849 + 0 0625	✓

T						
Actual Function	Count	Expected Function	Count	Res	ult	
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	✓

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

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

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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	✓		
PreDecelGain_Uls_M_f32	127118.836	127118.835 ± 0.0625	✓		

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

Test Step 3.20 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	600.46	
PreDecelGain_Uls_M_f32	127220.81	
VehicleLonAccel_KphpS_T_f32	-4.2	
k_DmpDecelGainFSlew_UlspS_f32	1800.01	
k_DmpDecelGain_Uls_f32	2.2	
k_DmpGainOffThresh_KphpS_f32	50	
k_DmpGainOnThresh_KphpS_f32	8.62	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	V488	

Actual Function



Count Result

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

Test Step 3.22 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	800.03		
PreDecelGain_Uls_M_f32	1		
VehicleLonAccel_KphpS_T_f32	-6.5		
k_DmpDecelGainFSlew_UlspS_f32	2000.06		
k_DmpDecelGain_Uls_f32	2.8		
k_DmpGainOffThresh_KphpS_f32	11.21		
k_DmpGainOnThresh_KphpS_f32	24.12		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	1	1 ± 0.000009	~
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✓

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 DmnGainOffThresh KnhnS f32		22 41		

Count Expected Function

2100.02
3.5
22.41
32.41
30592
30624
30656
30688
30720
30752
448
456
464
472
480
488

Name	Actual value	Expected value	Result
DecelGain()	4.2949673e+009	4294967291 ± 9999	~
PreDecelGain_Uls_M_f32	4.2949673e+009	4294967291 ± 0.0625	✓

T					•
Actual Function	Count	Expected Function	Count	Resul	t
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•	•



Test Step 3.24 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	1000.12		
PreDecelGain_Uls_M_f32	127628.71		
VehicleLonAccel_KphpS_T_f32	-8.2		
k_DmpDecelGainFSlew_UlspS_f32	2200.02		
k_DmpDecelGain_Uls_f32	3.9		
k_DmpGainOffThresh_KphpS_f32	33.32		
k_DmpGainOnThresh_KphpS_f32	40.52		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	680		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	688		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	696		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	704		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	712		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	720		
Name	Actual Value	Expected Value	Result
DecelGain()	127624.313	127624.31 ± 0.9	~
PreDecelGain_Uls_M_f32	127624.313	127624.31 ± 0.0625	✓

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

Test Step 3.25 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	1100.26		
PreDecelGain_Uls_M_f32	127730.685		
VehicleLonAccel_KphpS_T_f32	-9.2		
k_DmpDecelGainFSlew_UlspS_f32	2300.04		
k_DmpDecelGain_Uls_f32	3.7		
k_DmpGainOffThresh_KphpS_f32	44.45		
k_DmpGainOnThresh_KphpS_f32	48.62		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1536		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1560		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1568		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576		
Name	Actual Value	Expected Value	Result
DecelGain()	127726.086	127726.0849 ± 0.9	~
PreDecelGain_Uls_M_f32	127726.086	127726.0849 ± 0.0625	✓

T					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	_	

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

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DecelGain

Name	Input Value		
k_DmpGainOnThresh_KphpS_f32	4.21		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	35776		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1480		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1488		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1496		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1504		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1512		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1520		
Name	Actual Value	Expected Value	Result
DecelGain()	127827.859	127827.8598 ± 0.9	~
PreDecelGain_Uls_M_f32	127827.859	127827.8598 ± 0.0625	✓

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

Test Step 3.27 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-600.52		
PreDecelGain_Uls_M_f32	127934.635		
VehicleLonAccel_KphpS_T_f32	1.2		
k_DmpDecelGainFSlew_UlspS_f32	2500.02		
k_DmpDecelGain_Uls_f32	5.9		
k_DmpGainOffThresh_KphpS_f32	16.21		
k_DmpGainOnThresh_KphpS_f32	8.85		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3200		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	6400		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9600		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	12800		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	16000		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	19200		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248		
Name	Actual Value	Expected Value	Result
DecelGain()	127929.633	127929.635 ± 0.9	~
PreDecelGain Uls M f32	127929.633	127929.635 ± 0.0625	✓

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

Test Step 3.28 (Repeat Count = 1)		V
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	

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DecelGain

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

T .					
Actual Function	Count	Expected Function	Count	Resu	lt
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		~

Test Step 3.29 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-800.52		
PreDecelGain_Uls_M_f32	128138.585		
VehicleLonAccel_KphpS_T_f32	1.8		
k_DmpDecelGainFSlew_UlspS_f32	2700.03		
k_DmpDecelGain_Uls_f32	6.5		
k_DmpGainOffThresh_KphpS_f32	32.41		
k_DmpGainOnThresh_KphpS_f32	16.21		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	4000		
Name	Actual Value	Expected Value	Result
DecelGain()	128133.188	128133.1849 ± 0.9	~
PreDecelGain_Uls_M_f32	128133.188	128133.1849 ± 0.0625	✓

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

Test Step 3.30 (Repeat Count = 1)	Immust Value		
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	✓

Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt



Count Result

T					•
	Actual Function	Count	Expected Function	Count	Resulf
	IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	•

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

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		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1536		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1560		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1568		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576		
Name	Actual Value	Expected Value	Result
DecelGain()	128435.508	128435.51 ± 0.9	
PreDecelGain Uls M f32	128435.508	128435.51 ± 0.0625	_

T and the second se		✓		
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

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

T				✓
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 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

Statistics

Total Testcases	3
Successful	3
Failed	0
Not Executed	0



Module Properties

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

Comments/Description/	
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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FrqDepDmpnInrtCmp_Per1

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



Usercode		
Stub Function Name	Stub Function Body	
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_Checkpo	\$stub void Rte_Call_FrqDepDmpnInrtCmp_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: Metrics Test

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

CPU Cycles:

TS1.1 5929.00 Cycles TS1.2 5956.00 Cycles

Description

Test Vector Description:

TS1.1 "Shortest Execution Path:

TS1.1 "Shortest Execution Path:

(FDDDefSrvFlg_Cnt_T_lgc == TRUE)=False

(FrqDepDmpnInrtCmp_MtrNm_T_f32>=D_MTRTRQCMDHILMT_MTRNM_F32)=True"

TS1.2 "Longest Execution Path:

(FDDDefSrvFlg_Cnt_T_lgc == TRUE)=True

(FrqDepDmpnInrtCmp_MtrNm_T_f32>= D_MTRTRQCMDHILMT_MTRNM_F32)=False

(FrqDepDmpnInrtCmp_MtrNm_T_f32<= -D_MTRTRQCMDHILMT_MTRNM_F32)=False"

Test Step 1.1 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	1
Prev1PreAttnComp_MtrNm_M_f32	1.1
Prev1SclDrvVel_RadpS_M_f32	2205.3
Prev2PreAttnComp_MtrNm_M_f32	7.3
Prev2ScIDrvVel_RadpS_M_f32	101.2
PrevTbarAng_HwDeg_M_f32	-8.32
$Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPart) = (Compared to the compared to the $	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	3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.1258
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.2
k_CmnTbarStiff_NmpDeg_f32	1.2
k_DmpDecelGainFSlew_UlspS_f32	100.02
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k DmpGainOnThresh KphpS f32	30.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3068
t2_FDD_ADDROllingTbIYM_MtrNmpRadpS_um1p17[1][9]	3409
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	32
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	64
	80
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	90

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FrqDepDmpnInrtCmp_Per1

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	32
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	48
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	

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FrqDepDmpnInrtCmp_Per1

			CICOU
Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[2]	8		
t_FDD_BlendTbIY_Uls_u8p8[3]	10		
t_FDD_BlendTbIY_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 26		
t_FDD_BlendTblY_Uls_u8p8[9] 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_ScaleFactorTbIY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InttCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InttCmp_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_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBindTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	282		
t_WIRBIndTbIX_MtrNm_u8p8[1]	307		
t_WIRBIndTbIX_MtrNm_u8p8[2]	333		
t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
t_WIRBIndTbIX_MtrNm_u8p8[4]	384		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.1		
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 tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	1.2 -1.2		
tgt_kte_caii_Ap_FrqDepDmpnInrtCmp_Fitinjection_SCom_Fitinjectio tgt_kte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssisti		eAssistCmd MtrNm f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistittgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor\			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FreqDepDm			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmp	. 0 = 1 1 1 1 - 1 = -		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 HwTorque	0		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon	0= 1 1 1 1= =	•	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAr			
Name	Actual Value	Expected Value	Resul
PreDecelGain_Uls_M_f32	1.11199999	1.112 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	128.764511	128.764510970637 ± 0.0009	
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.2263355 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.3 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.333333333 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.221033333 ± 0.00390625	•
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-1.20000005	-1.2 ± 0.00048828125	

-1.20000005

 $tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value$

-1.2 ± 0.00048828125





T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~	
ADDCoefCalc	1	ADDCoefCalc	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~	
DecelGain	1	DecelGain	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
DriverVelCalc	1	DriverVelCalc	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•	
FilterCoefCalc	1	FilterCoefCalc	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•	
GenFddlcCmd	1	GenFddlcCmd	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~	
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~	

Test Step 1.2 (Repeat Count = 1)	v
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(SignalPath_	
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_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_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTbIYM_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][7]	3068
t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t2_FDD_ADDK0iiiiig10i11M_MitiNifipkaap5_ui111p17[1][9] t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
, , , , , , , , , , , , , , , , , , , ,	32
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][2] t2_FDD_FreqTblYM_Hz_u12p4[0][3]	64
	80
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	32
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	48

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FrqDepDmpnInrtCmp_Per1

-гідреропірпіпістір_гегі		(MAC M
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	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	128	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	144	
12_FDD_FreqTblYM_Hz_u12p4[1][8]	160	
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
:_CmnVehSpd_Kph_u9p7[0]	128	
:_CmnVehSpd_Kph_u9p7[1]	256	
:_CmnVehSpd_Kph_u9p7[2]	384	
	512	
_CmnVehSpd_Kph_u9p7[3]		
_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	
	3616	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712	
_DmpDecelGainSlewY_UlspS_u13p3[0]	408	
_DmpDecelGainGlewY_UlspS_u13p3[1]	416	
	424	
_DmpDecelGainSlewY_UlspS_u13p3[2]		
_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	523	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	1553	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	2068	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	2583	
_FDD_ADDStaticTbIY_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	
	5	
_FDD_BlendTblY_Uls_u8p8[1]		
_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_BlendTblY_Uls_u8p8[8]	23	
r_ruu_bieilu tui t_ois_uopo[o]		

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FrqDepDmpnInrtCmp_Per1

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_RIAstWIRBIndTblY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
	282		
t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1]	307		
· · · ·	333		
t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
t_WIRBIndTbIX_MtrNm_u8p8[4]	384		
	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	and Merkin 122	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_		·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	0		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	0= 1 1 1 1= = 1 1		
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	<u> </u>		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125487.234	125487.235 ± 0.0625	✓

8 = =	. 0 = 1 1 1 1 - 1 = -		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125487.234	125487.235 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	14899641	14899642.12 ± 99.9	✓
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.2263355 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.3 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.333333333 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.221033333 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-1.20000005	-1.2 ± 0.00048828125	✓



FrqDepDmpnInrtCmp_Per1

T				
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 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

Test Vector Description:

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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Input Value
3068
3409
16 32
48
64
80
96
112
128
144
160
176 192
32
48
64
80
96
112
128
144 160
176
192
208
128
256
384
512
640
768 896
1024
1152
1280
1408
1536
4506
4915
5325 5734
6144
6554
6963
7373
7782
8192
3552
3584
3616 3648
3680
3712
408
416
424
432
440
448 1638
3277
4915
6554
8192
523
1038
1553
1553 2068
1553 2068 2583
1553 2068

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LEDD. BlemPTM / Us. skell(P)	Name	Input Value		
LEDD_destribx_Metaps_strayelly				
L.D.D. AllamThy L.B. Joseph 1				
EDD. AserTay Us. upspig				
CPDD_BendTay_Lb_u508(1) 5 5 1 1 1 1 1 1 1 1				
FEDD SearWITAY_UB_UR_089(1) 5 5 5 5 5 5 5 5 5				
F.DD Selection List septical S				
EPOD_BiresTPAY_Ubl_usip[0] 6	· · · ·			
LPDD_BearDay_Lu_Lu_Bapta 19				
LEDD. BlemPTMY_UBL_siseRipt	t_FDD_BlendTblY_Uls_u8p8[3]	10		
F.D.D. BlandThY_Us_unp867	t_FDD_BlendTblY_Uls_u8p8[4]	13		
LPDD_BamPaThY_UB_up8pt 28	t_FDD_BlendTblY_Uls_u8p8[5]	15		
LPDD_BisedThY_UB_usp898	t_FDD_BlendTblY_Uls_u8p8[6]	18		
LPD_BlackThar_V_Us_updpt[9]	t_FDD_BlendTblY_Uls_u8p8[7]	20		
F.DD BendThY Us. sp8[10] 38 1	t_FDD_BlendTblY_Uls_u8p8[8]			
LEDOS BINOTRAY_UBL_sp8(11) 31 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 13 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 28 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 38 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 38 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 37 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 39 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 49 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 50 LUNCTIONS_Social Factor (TAY_UBL_sp8	t_FDD_BlendTblY_Uls_u8p8[9]			
Linching SaleriachTMY_Us_up/FT 26				
Lincting SaleFactorThY_Us_uptyTS				
LinnComp_SaleFactorToV_Us_ubg7[6] 51				
ChinCrips_ScaleFactorTbY_Us_up/7[6]				
Lincting ScaleFactorThY_Us_up770				
LincTomp_ScaleFactorTby_Uls_up0716				
LinnCrap_ScaleFactorTbY_Uls_usp7t7				
LimCing_ScaleFactorTBY_Uis_usp719	, , , ,			
LintCmp_ScaleFactorTbY_Uls_up97[10] 128 1.1ntCmp_ScaleFactorTbY_Uls_up97[10] 141 1.1ntCmp_ScaleFactorTbY_Uls_up97[17] 154 1.1ntCmp_ScaleFactorTbY_Uls_up97[17] 154 1.1ntCmp_ScaleFactorTbY_Uls_up97[17] 154 1.1ntCmp_ScaleFactorTbY_Uls_up97[17] 3 3 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[17] 3 3 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 4 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 6 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 6 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 6 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 8 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 10 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 12 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 12 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 12 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 13 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 14 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 15 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 15 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 16 1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18] 18 18 18 18 18 18 18				
LincTong, ScaleFactorTbY_Us_us_097[10] 154				
LintCmp_TBarVel_ScaleFactorTbY_Us_us_p7[1] 1	t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
LintChmp_TBarVell_ScaleFactorTbY_Uls_upp7t2	t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
LintCmp_TBarVel_ScaleFactorTbY_Uls_u9p7[2]	t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
LintCmp_TBarVel_ScaleFactorThY_Uls_u9p7[3]	t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
LintCmp_TBarVel_ScaleFactorTbY_Uls_usp7[5]	t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
LintCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]			
LintCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6] 9	t_InrtCmp_TBarVeI_ScaleFactorTbIY_UIs_u9p7[4]			
LintCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7] 10 12 12 13 13 14 14 15 15 15 15 15 15	t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]			
LintCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8] 12				
LintCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9] 13				
LinriCmp_TBarVel_ScaleFactorTbiY_Uls_u9p7[10] 14				
InflCmp_TBarVel_ScaleFactorTblY_UIs_upp7[11] 15				
L RIAstWiRBindTDiY_Uls_u2p14[0] 1638 L RIAstWiRBindTDiY_Uls_u2p14[1] 3277 L RIAStWiRBindTDiY_Uls_u2p14[2] 4915 L RIAStWiRBindTDiY_Uls_u2p14[3] 6554 L RIAStWiRBindTDiY_Uls_u2p14[4] 8192 L RIAStWiRBindTDiX_MirNm_u8p8[0] 282 L WIRBindTDiX_MirNm_u8p8[1] 307 L WIRBindTDiX_MirNm_u8p8[1] 333 L WIRBindTDiX_MirNm_u8p8[3] 4384 L WIRBindTDiX_MirNm_u8p8[3] 4384 L WIRBindTDiX_MirNm_u8p8[3] 588 L WIRBindTDiX_MirNm_u8p8[4] 584 L RIASTWIRDINGTDIX_MirNm_u8p8[4] 584 L RIASTWIRDINGTDIX_Mir				
L_RIASHWIRBIndTblY_Uls_u2p14[2]				
L_RIASHWIRBIndTblY_Uls_u2p14[2]	,			
t_RiAstWiRBindTbiY_Uls_u2p14[3]				
t_RikstWiRBindTbiX_MirNm_u8p8[0]				
t_WRBIndTblX_MtrNm_u8p8[1] 307 t_WRBIndTblX_MtrNm_u8p8[2] 333 t_WRBIndTblX_MtrNm_u8p8[3] 358 t_WRBIndTblX_MtrNm_u8p8[3] 358 tgl_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_132.value 8.1 tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpsNrtComSvcDft_Cnt_lgc.value 600.2 tgl_FrqDepDmpnInrtCmp_Per1_HvTorque_HwNrm_132.value 10.02 tgl_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_132.value 10.001 tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_132.value 10.001 tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_132.value 10.001 tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_132.value 10.001 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_HwN tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Pe	t_RIAstWIRBIndTblY_Uls_u2p14[4]			
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 660.2 tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value 9.1 tgt_FrqDepDmpnInrtCmp_Per1_WehicleSpeed_Kph_f32.value 10.02 tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 10.02 tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBlnd_MtrNm_f32.value 10.001 tgt_FrqDepDmpnInrtCmp_Per1_WehicleSpeed_Kph_f32.value 10.0.01 tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBlnd_MtrNm_f32.value 10.0.01 tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_Frtllipiectio 5Com_Fittnjectio 11.2 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 11.2 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_ErqDepDmpnInrtCmp_Per1_BaseAssistCmc 11.2 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_KphpS_f32 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 tgt_FrqDepDmpnInrtCmp_Per1_WirkCmdAmpBind_MtrNm_f32 Name Actual Value Expected Value Expected Value	t_WIRBIndTbIX_MtrNm_u8p8[0]	282		
t_WiRBindTbiX_MtrNm_u8p8[3] 358 t_WiRBindTbiX_MtrNm_u8p8[4] 384 tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value 8.1 tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_VehicleLonAccet_KphpS_f32.value 10.02 tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBind_MtrNm_f32.value 10.001 tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBind_MtrNm_f32.value 10.001 tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 12 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 12 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_ 12 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBid_MtrNm_f32 Name Actual Value Expected Value Result	t_WIRBIndTbIX_MtrNm_u8p8[1]	307		
t_WIRBIndTblX_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_HwTorque_HwNm_f32.value 0 tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value 100.02 tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 100.01 tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 100.01 tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value 1.2 tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_Frtl_DepDmpnInrtCmp_Per1_BaseAssistCmc 1.2 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_V 12 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_V 12 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt 12 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAcccc 12 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleDepded_IntrTCmp_Per1_VehicleDepded_	t_WIRBIndTbIX_MtrNm_u8p8[2]	333		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value 600.2 tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value 0 tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value 10 tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value 10.02 tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 10.001 tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value 10.001 tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value 10.001 tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value 1.2 tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_vict_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_Frq	t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value tgt_FrqDepDmpnInrtCmp_Per1_WinceSpeed_Kph_f32.value tgt_FrqDepDmpnInrtCmp_Per1_WinceSpeed_Kph_f32.value tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ tgt_FrqDepDmpnInrtCmp_Per1_WincCmdAmpBind_MtrNm_f32 tgt_FrqDepDmpnInrtCmp_Per1_WincCmdAmpBind_MtrNm_f32 tgt_FrqDepDmpnInrtCmp_Per1_WincCmdAmpBind_MtrNm_f32 tgt_FrqDepDmpnInrtCmp_Per1_WincCmdAmpBind_MtrNm_f32 tgt_FrqDepDmpnInrtCmp_Per1_WincCmdAmpBind_MtrNm_f32 tgt_FrqDepDmpnInrtCmp_Per1_WincCmdAmpBind_MtrNm_f32 tgt_FrqDepDmpnInrtCmp_Per1_WincCmdAmpBind_MtrNm_f32 tgt_FrqDepDmpnInrtCmp_Per1_WincCmdAmpBind_MtrNm_f32	t_WIRBIndTbIX_MtrNm_u8p8[4]	384		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_FrqDepDmpnInrtCmp_Per1_WNm_f32.value tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_WIRCmp_Per1_UehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32 Name 0 10.02 1.2 1.2 1.2 1.2 1.2 1.	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value			
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_UehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32 Name 10.02 10.01 1.2 1.2 1.2 1.2 1.2				
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBind_MtrNm_f32.value tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_Vehicl				
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSt tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_				
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1				
tgt_Rte_lnst_Ap_FrqDepDmpnInrtCmp_FrtInjection_SCom_FltInjectio tgt_Rte_lnst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_lnst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_t tgt_Rte_lnst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_HwTorque_HwI tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_Per1_VehicleLonAcccct tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_Per1_Ve				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_HwItgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleLonAccccttgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32 Name tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32 Result Value tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32 Result Value Result Value Result Value Result Value Tgt_PrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_MtrNm_f32 Result Red_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_P				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_HwItgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleLonAcccccttgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_Fr			Cmd MtrNm f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr tgt_FrqDepDmpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_HwI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleLonAcccct tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepD				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp		· · · · ·		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_itgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl Name tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_KphpS_f32 tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32 Name Result				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcct tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAcct tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32_i tgt_FrqDepDmpnInrtCmp_Per1_Veh				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32 Name Actual Value Expected Value Resul				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32 Name				
Name Actual Value Expected Value Resul				
	Name			Resul
FIEDEGEIGAIII UIS IVI ISZ [123401.U31] 1200.104623 1200.104631 120			·	

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	•

Т	T				
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~	
ADDCoefCalc	1	ADDCoefCalc	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~	
DecelGain	1	DecelGain	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•	
DriverVelCalc	1	DriverVelCalc	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
FilterCoefCalc	1	FilterCoefCalc	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~	
GenFddlcCmd	1	GenFddlcCmd	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	•	
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	•	

Test Step 2.2 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	125589.21
Prev1PreAttnComp_MtrNm_M_f32	-1.1
Prev1ScIDrvVel_RadpS_M_f32	-445.3
Prev2PreAttnComp_MtrNm_M_f32	-6.8
Prev2SclDrvVel_RadpS_M_f32	-220.3
PrevTbarAng_HwDeg_M_f32	4.339
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(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	-2.5
TbarVelFiltSv_M_str.K_Uls_f32	0.2365
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.3
k_CmnTbarStiff_NmpDeg_f32	2.3
k_DmpDecelGainFSlew_UlspS_f32	200.03
k_DmpDecelGain_Uls_f32	3.6
k_DmpGainOffThresh_KphpS_f32	20.2
k_DmpGainOnThresh_KphpS_f32	35.3
k_InrtCmp_MtrInertia_KgmSq_f32	0.00009
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	5159
t2_FDD_ADDROIling1b1YM_mtrNmpRaapS_um1p17[1][9] t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	32
	48
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	160

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гідреропірпіпістір_гегі		
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	
2_FDD_FreqTblYM_Hz_u12p4[1][0]	48	
2_FDD_FreqTblYM_Hz_u12p4[1][1]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	224	
CmnVehSpd_Kph_u9p7[0]	2560	
_CmnVehSpd_Kph_u9p7[1]	3840	
_CmnVehSpd_Kph_u9p7[2]	5120	
_CmnVehSpd_Kph_u9p7[3]	6400	
_CmnVehSpd_Kph_u9p7[4]	7680	
_CmnVehSpd_Kph_u9p7[5]	8960	
_CmnVehSpd_Kph_u9p7[6]	10240	
_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	
_DmpDecelGainGlewX_MtrRadpS_u11p5[2]	3936	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	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	
	1144	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]		
_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	1695	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	352	
_FDD_AttenTbIX_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	
t_FDD_BlendTblY_Uls_u8p8[3]	13	

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FrqDepDmpnInrtCmp_Per1

FrqDepDmpninrtCmp_Per1			MACITAL
Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[5]	18		
t_FDD_BlendTblY_Uls_u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[7]	23		
t_FDD_BlendTblY_Uls_u8p8[8]	26		
t_FDD_BlendTbIY_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_ScaleFactorTbIY_Uls_u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	29		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192 9830		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	538		
t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t_WIRBIndTblX_MtrNm_u8p8[2]	589		
t_WIRBIndTblX_MtrNm_u8p8[3]	614		
t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
tgt_FrgDepDmpnInrtCmp_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_BaseAssistCmo		tCmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	0= 1 1 1 1= =		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcco			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Approximation and the property of the$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdA	mpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
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	•
tat FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	-1 29999995	-1 3 + 0 00048828125	

-1.29999995

 $tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value$

-1.3 ± 0.00048828125



T ✓				
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)	1 AVI
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(Sign	alPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	-6.6
TbarVelFiltSv_M_str.K_Uls_f32	0.63214
c_CmnSysKinRatio_MtrDegpHwDeg_f32	60.05
k_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
<pre><_InrtCmp_MtrVel_ScaleFactor_Uls_f32</pre>	0.4
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	3990
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	4382
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	4774
2_FDD_FreqTblYM_Hz_u12p4[0][0]	96
	112
2_FDD_FreqTblYM_Hz_u12p4[0][1]	
2_FDD_FreqTblYM_Hz_u12p4[0][2]	128
2_FDD_FreqTblYM_Hz_u12p4[0][3]	144
2_FDD_FreqTblYM_Hz_u12p4[0][4]	160
2_FDD_FreqTblYM_Hz_u12p4[0][5]	176
2_FDD_FreqTblYM_Hz_u12p4[0][6]	192
2_FDD_FreqTblYM_Hz_u12p4[0][7]	208
2_FDD_FreqTblYM_Hz_u12p4[0][8]	224
2_FDD_FreqTblYM_Hz_u12p4[0][9]	240
2_FDD_FreqTblYM_Hz_u12p4[0][10]	256
2_FDD_FreqTblYM_Hz_u12p4[0][11]	272
2_FDD_FreqTblYM_Hz_u12p4[1][0]	336
2_FDD_FreqTblYM_Hz_u12p4[1][1]	352

FrqDepDmpnInrtCmp_Per1

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FrqDepDnipninitCnip_Feri	TOTAL TIME
Name	Input Value
t2 FDD FreqTblYM Hz u12p4[1][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512
t_CmnVehSpd_Kph_u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
t_CmnVehSpd_Kph_u9p7[6]	13568
t_CmnVehSpd_Kph_u9p7[7]	13696
t_CmnVehSpd_Kph_u9p7[8]	13824
t_CmnVehSpd_Kph_u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]	14080 14208
t_DmpADDCoefX_MtrNm_u4p12[0]	24986
t DmpADDCoefX MtrNm u4p12[1]	25395
t_DmpADDCoefX_MtrNm_u4p12[2]	25805
t_DmpADDCoefX_MtrNm_u4p12[3]	26214
t_DmpADDCoefX_MtrNm_u4p12[4]	26624
t_DmpADDCoefX_MtrNm_u4p12[5]	27034
t_DmpADDCoefX_MtrNm_u4p12[6]	27443
t_DmpADDCoefX_MtrNm_u4p12[7]	27853
t_DmpADDCoefX_MtrNm_u4p12[8]	28262
t_DmpADDCoefX_MtrNm_u4p12[9]	28672
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	1638
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277
t_DmpFiltKpWlRBIndY_Uls_u2p14[2] t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	4915 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
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2112
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2340
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	2568
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	2796
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3024
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3252
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3480
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	
	656
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	720
t_FDD_AttenTblX_MtrRadpS_u12p4[1] t_FDD_AttenTblY_Uls_u8p8[0]	720 172
t_FDD_AttenTblY_Uls_u8p8[0] t_FDD_AttenTblY_Uls_u8p8[1]	720 172 174
t_FDD_AttenTblY_Uls_u8p8[0] t_FDD_AttenTblY_Uls_u8p8[1] t_FDD_BlendTblY_Uls_u8p8[0]	720 172 174 18
t_FDD_AttenTblY_Uls_u8p8[0] t_FDD_AttenTblY_Uls_u8p8[1] t_FDD_BlendTblY_Uls_u8p8[0] t_FDD_BlendTblY_Uls_u8p8[1]	720 172 174 18 20
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]	720 172 174 18 20 23
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]	720 172 174 18 20 23 26
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]	720 172 174 18 20 23 26 28
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[4]	720 172 174 18 20 23 26 28 31
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]	720 172 174 18 20 23 26 28 31
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[6] t_FDD_BlendTblY_Uls_u8p8[7]	720 172 174 18 20 23 26 28 31 33
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]	720 172 174 18 20 23 26 28 31

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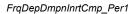
Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	44		
t_FDD_BlendTblY_Uls_u8p8[11]	46		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91		
t_RIAstWIRBlndTbIY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915 6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]			
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_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		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC$	nc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist0	Cmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVersion (Compared to the compared to the co$	_t tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_$	St tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	npSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmprnInrtCmp_$	In tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hurberspace = 0.0000000000000000000000000000000000$	wt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonArt	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/	Accel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeeds and the state of the st$	d_l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp	BI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125996.313	125996.3099 ± 0.0625	

8 = =	. 0 =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125996.313	125996.3099 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-9984653	-9984653.482 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	-447.704346	-447.704346 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.3 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-4021.30005	-4021.3 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	0.164516136	0.164516129 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-0.684389591	-0.684393097 ± 0.00390625	•
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	2.4000001	2.4 ± 0.00048828125	✓

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T →				
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 TS3.1 TS3.2 TS3.2 TS3.3 TS3.4 TS3.5 TS3.6 TS3.7 5953.00 Cycles 5979.00 Cycles 5952.00 Cycles 5821.00 Cycles 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 TS3.19 TS3.20 TS3.21 TS3.22 5767.00 Cycles 5771.00 Cycles 6106.00 Cycles 5803.00 Cycles TS3.23 TS3.24 TS3.25 5783.00 Cycles 5770.00 Cycles 5792.00 Cycles TS3.26 TS3.27 TS3.28 TS3.29 5794.00 Cycles 5773.00 Cycles 5871.00 Cycles 5826.00 Cycles 5816.00 Cycles 5781.00 Cycles 5770.00 Cycles 5792.00 Cycles 5987.00 Cycles TS3.30 TS3.31 TS3.32 TS3.33 TS3.34 TS3.35 5789.00 Cycles

Description

Test Vector Description:

TS3.1 All min

TS3.2 All max

HwTorque_HwNm_f32 = min HwTorque_HwNm_f32 = max TS3.3 TS3.4

TS3.5 HwTorque_HwNm_f32 = zero

TS3.6 HwTorque_HwNm_f32 = neg
TS3.7 HwTorque_HwNm_f32 = pos
TS3.8 CRFMotorVel_MtrRadpS_f32 = min
TS3.9 CRFMotorVel_MtrRadpS_f32 = max
TS3.10 CRFMotorVel_MtrRadpS_f32 = zero

TS3.11 CRFMotorVel_MtrRadpS_f32 = neg

TS3.12 CRFMotorVel_MtrRadpS_f32 = pos BaseAssistCmd_MtrNm_f32 = min TS3.13

TS3.14 BaseAssistCmd_MtrNm_f32 = max

TS3.15 BaseAssistCmd_MtrNm_f32 = zero TS3.16 BaseAssistCmd_MtrNm_f32 = neg

TS3.17 BaseAssistCmd_MtrNm_f32 = pos TS3.18

VehicleSpeed_Kph_f32 = min VehicleSpeed_Kph_f32 = max VehicleSpeed_Kph_f32 = pos TS3.19

TS3.20 TS3.21

TS3.22

WIRCmdAmpBlnd_MtrNm_f32 = min WIRCmdAmpBlnd_MtrNm_f32 = max WIRCmdAmpBlnd_MtrNm_f32 = pos TS3.23

TS3.24

FreqDepDmpSrlComSvcDft_Cnt_lgc = min FreqDepDmpSrlComSvcDft_Cnt_lgc = max VehicleLonAccel_KphpS_f32 = min TS3.25

TS3.26 TS3.27

VehicleLonAccel_KphpS_f32 = max TS3.28

VehicleLonAccel_KphpS_f32 = zero VehicleLonAccel_KphpS_f32 = neg 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_FltInjection_SCom_FltInjection=pos TS3.35 Rte Call FltInjection SCom FltInjection=neg

Test Step 3.1 (Repeat Count = 1) Name Input Value PreDecelGain_Uls_M_f32 Prev1PreAttnComp MtrNm M f32 -8.8 Prev1SclDrvVel_RadpS_M_f32 -12917.3 Prev2PreAttnComp_MtrNm_M_f32 -8.8 Prev2ScIDrvVel_RadpS_M_f32 -12917.3 PrevTbarAng_HwDeg_M_f32 -20 $Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCm$ $tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio$ Rte_Inst_Ap_FrqDepDmpnInrtCmp tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp TbarVelFiltSv M str.SV Uls f32 -6 6667 0.001255848 TbarVelFiltSv_M_str.K_Uls_f32 k CmnSysKinRatio MtrDegpHwDeg f32 k_CmnTbarStiff_NmpDeg_f32 0.5 k DmpDecelGainFSlew UlspS f32 1

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FrqDepDmpnInrtCmp_Per1		MACICAL
Name	Input Value	
k_DmpDecelGain_Uls_f32	1	
k_DmpGainOffThresh_KphpS_f32	0	
k_DmpGainOnThresh_KphpS_f32	0	
k_InrtCmp_MtrInertia_KgmSq_f32	0.00001	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	0	
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	0	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	0	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	0	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	0	
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	16	
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16	
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	16	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	16	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	16	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	16	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	16	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	16	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	16	
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	16	
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	16	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	16	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16	
t_CmnVehSpd_Kph_u9p7[0]	0	
t_CmnVehSpd_Kph_u9p7[1]	0	
t_CmnVehSpd_Kph_u9p7[2]	0	
t_CmnVehSpd_Kph_u9p7[3]	0	
t_CmnVehSpd_Kph_u9p7[4]	0	
t_CmnVehSpd_Kph_u9p7[5]	0	
t_CmnVehSpd_Kph_u9p7[6]	0	
t_CmnVehSpd_Kph_u9p7[7]	0	
t_CmnVehSpd_Kph_u9p7[8]	0	
t_CmnVehSpd_Kph_u9p7[9]	0	
t_CmnVehSpd_Kph_u9p7[10]	0	
t_CmnVehSpd_Kph_u9p7[11]	0	
:_DmpADDCoefX_MtrNm_u4p12[0]	0	
:_DmpADDCcetX_MtrNm_u4p12[0]	0	
:_DmpADDCcetX_MtrNm_u4p12[1]	0	
t_DmpADDCoefX_MtrNm_u4p12[3]	0	
t_DmpADDCoefX_MtrNm_u4p12[4]	0	
t_DmpADDCoetX_MtrNm_u4p12[4] t_DmpADDCoefX_MtrNm_u4p12[5]	0	
t_DmpADDCoefX_MtrNm_u4p12[6] t_DmpADDCoefX_MtrNm_u4p12[6]	0	
	0	
t_DmpADDCoefX_MtrNm_u4p12[7] t_DmpADDCoefX_MtrNm_u4p12[8]	0	
	Į v	
	0	
t_DmpADDCoetX_wittNin_u4p12[9] t_DmpADDCoefX_MtrNm_u4p12[9] t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0	

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гідрерріпріппістр_гегі	(OLC)	TOTO
Name	Input Value	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	0	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	8	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	8	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8	
	0	
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0	
:_DmpFiltKpWIRBIndY_Uls_u2p14[2]	0	
:_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	0	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	0	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	0	
:_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	0	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	0	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	0	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	0	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	0	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	0	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	0	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	0	
:_FDD_AttenTblX_MtrRadpS_u12p4[0]	0	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	0	
:_FDD_AttenTblY_Uls_u8p8[0]	0	
E_FDD_AttenTblY_Uls_u8p8[1]	0	
:_FDD_BlendTblY_Uls_u8p8[0]	0	
:_FDD_BlendTblY_Uls_u8p8[1]	0	
:_FDD_BlendTblY_Uls_u8p8[2]	0	
:_FDD_BlendTblY_Uls_u8p8[3]	0	
_FDD_BlendTblY_Uls_u8p8[4]	0	
	0	
t_FDD_BlendTblY_Uls_u8p8[5]	0	
t_FDD_BlendTblY_Uls_u8p8[6]		
t_FDD_BlendTblY_Uls_u8p8[7]	0	
t_FDD_BlendTblY_Uls_u8p8[8]	0	
t_FDD_BlendTbIY_Uls_u8p8[9]	0	
t_FDD_BlendTblY_Uls_u8p8[10]	0	
t_FDD_BlendTbIY_Uls_u8p8[11]	0	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	0	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0	
:_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	0	
:_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	0	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	0	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	0	
	0	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0	
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	0	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	0	
: InrtCmp TBarVel ScaleFactorTblY Uls u9p7[2]	0	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	0	
_IntCmp_TbarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	0	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	0	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	0	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	0	
_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[8]	0	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	0	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	0	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	0	
_RIAstWIRBIndTbIY_Uls_u2p14[0]	0	
_RIAstWIRBIndTblY_Uls_u2p14[1]	0	
_RIAstWIRBIndTbIY_Uls_u2p14[2]	0	
	0	
_RIAstWIRBIndTbIY_Uls_u2p14[3]		
	0	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	0	
t_RIAstWIRBIndTbIY_UIs_u2p14[3] t_RIAstWIRBIndTbIY_UIs_u2p14[4] t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1]		



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		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC	md_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorV$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrrqDepDmpSrrqDepDmpNrtCmp_Per1_FreqDepDmpNrtCmp_FreqDepDmpNrtCmp_Per1_FreqDepDmpNrtCmp_FreqD$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw1$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_F	HwNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccease and the property of the property $	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA	ccel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_Vehicle$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee	d_Kph_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlackers and the property of the property $	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-8.79862881	-8.798627659 ± 0.000009	•
Prev1SclDrvVel_RadpS_M_f32	-0	0 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.8 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	-12917.3 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-6.65832758	-6.658327638 ± 0.00390625	~
$tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value$	-8.80000019	-8.8 ± 0.00048828125	•

Τ	T -				
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)	✓
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	6554
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	6554
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	6554

FrqDepDmpnInrtCmp_Per1

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Name	Input Value
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	6554
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1600 1600
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1600
t2_FDD_FreqTbIYM_Hz_u12p4[1][6]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1600
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1600
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
t_DmpADDCoefX_MtrNm_u4p12[0]	36045
t_DmpADDCoefX_MtrNm_u4p12[1]	36045
t_DmpADDCoefX_MtrNm_u4p12[2]	36045
t_DmpADDCoefX_MtrNm_u4p12[3]	36045
t_DmpADDCoefX_MtrNm_u4p12[4]	36045
t_DmpADDCoefX_MtrNm_u4p12[5]	36045
t_DmpADDCoefX_MtrNm_u4p12[6]	36045
t_DmpADDCoefX_MtrNm_u4p12[7]	36045 36045
t_DmpADDCoefX_MtrNm_u4p12[8] t_DmpADDCoefX_MtrNm_u4p12[9]	36045 36045
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	35776
t_DmpDecelGainSlewY_UlspS_u13p3[0]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[1]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[2]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[3]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[4]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[5]	4000
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16384

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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 6554
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] _FDD_ADDStaticTbIY_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_UIs_u9p7[0]	384
_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	384 384
_InrtCmp_ScaleFactorTbIY_Uls_u9p7[2] _InrtCmp_ScaleFactorTbIY_Uls_u9p7[3]	384
_inttCmp_scaleFactorTblY_Uls_u9p7[4]	384
_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	384
_inttCmp_ScaleFactorTblY_Uls_u9p7[6]	384
_inrtCmp_ScaleFactorTblY_Uls_u9p7[7]	384
_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	384
InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	384
InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	384
_inrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128
_InrtCmp_TBarVeI_ScaleFactorTbIY_UIs_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_UIs_u2p14[2]	16384
_RIAstWIRBIndTbIY_UIs_u2p14[3]	16384
_RIAstWIRBIndTbIY_Uls_u2p14[4] _WIRBIndTbIX_MtrNm_u8p8[0]	16384 2048
_WIRBINdTblX_MtrNm_u8p8[0] _WIRBIndTblX_MtrNm_u8p8[1]	2048
_WIRBIndTblX_MtrNm_u8p8[2]	2048
_WIRBIndTblX_MtrNm_u8p8[3]	2048
_WIRBIndTblX_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_lgc.value	1
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	50
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	511.9921875
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

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



8.8 ± 0.00048828125

12917.3 ± 0.00390625

8.8 ± 0.00048828125

-2.87210173650089 ± 0.00390625

1 ± 0.00390625

Name	Input Value		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	npSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_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 FrgDepDmpnInrtCmp Per1 VehicleSpeed Kph f32		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	4.2949673e+009	4294967286 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-2.45381431e+011	-245381471607.646 ± 999999.9	~
Prev1SclDrvVel RadpS M f32	1112.98718	1112.9872366867 ± 0.00390625	

8.80000019

12917.2998

-2.8721137

8.80000019

T				✓
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
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_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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гідрервіпріпіпістір_геті		MACIMI
Name	Input Value	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068 3409	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 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	
z_rbb_rieq1b11M_rz_u12p4[1][0] 2_FDD_FreqTbIYM_Hz_u12p4[1][7]	144	
z_rbb_rieq1b11M_nz_u12p4[1][7] 2_FDD_FreqTbIYM_Hz_u12p4[1][8]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
	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 7782	
_DmpADDCoefX_MtrNm_u4p12[8] _DmpADDCoefX_MtrNm_u4p12[9]	8192	
_bmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3584	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	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	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	

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Name	Input Value		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	4129		
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644		
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159		
_FDD_AttenTblX_MtrRadpS_u12p4[0]	240		
_FDD_AttenTblX_MtrRadpS_u12p4[1]	320		
_FDD_AttenTblY_Uls_u8p8[0]	49		
_FDD_AttenTblY_Uls_u8p8[1]	51		
_FDD_BlendTbIY_Uls_u8p8[0]	3		
_FDD_BlendTblY_Uls_u8p8[1]	5		
_FDD_BlendTbIY_Uls_u8p8[2]	8		
_FDD_BlendTblY_Uls_u8p8[3]	10		
_FDD_BlendTbIY_Uls_u8p8[4]	13		
_FDD_BlendTblY_Uls_u8p8[5]	15		
:_FDD_BlendTblY_Uls_u8p8[6]	18		
_FDD_BlendTblY_Uls_u8p8[7]	20		
_FDD_BlendTblY_Uls_u8p8[8]	23		
r_FDD_BlendTblY_Uls_u8p8[9]	26		
_FDD_BlendTblY_Uls_u8p8[10]	28		
_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		
_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		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
:_InrtCmp_ScaleFactorTbIY_Uls_u9p7[9]	128		
_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		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVeI_ScaleFactorTbIY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
_RIAstWIRBIndTbIY_Uls_u2p14[0]	1638		
_RIAstWIRBIndTbIY_Uls_u2p14[1]	3277		
_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915		
_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554		
:_RIAstWIRBIndTbIY_Uls_u2p14[4]	8192		
_WIRBIndTblX_MtrNm_u8p8[0]	282		
_WIRBIndTblX_MtrNm_u8p8[1]	307		
_WIRBIndTblX_MtrNm_u8p8[2]	333		
_WIRBIndTblX_MtrNm_u8p8[3]	358		
_WIRBIndTbIX_MtrNm_u8p8[4]	384		
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.1		
gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.2		
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10		
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.02		
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.01		
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.2		
gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.2		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAs			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMo		·	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDep			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepI			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorq		•	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleL	onAcce tgt_FrqDepDmpnInrtCmp_Per1_Vehi	cleLonAccel_KphpS_f32	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCm	AmpBl tgt_FrqDepDmpnInrtCmp_Per1_WIR	CmdAmpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resu
ProDocalCain Llle M f22	125497 021	125497 025 ± 0 0625	

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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FrqDepDmpnInrtCmp_Per1

Name	Actual Value	Expected Value	Result
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.3 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.333333333 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.221033333 ± 0.00390625	~
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-1.20000005	-1.2 ± 0.00048828125	✓

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

Name	Input Value
PreDecelGain_Uls_M_f32	125589.21
Prev1PreAttnComp_MtrNm_M_f32	-1.1
Prev1ScIDrvVel_RadpS_M_f32	-445.3
Prev2PreAttnComp_MtrNm_M_f32	-6.8
Prev2ScIDrvVel_RadpS_M_f32	-220.3
PrevTbarAng_HwDeg_M_f32	4.339
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalP	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
FbarVelFiltSv_M_str.SV_Uls_f32	-2.5
FbarVelFiltSv_M_str.K_Uls_f32	0.2365
c_CmnSysKinRatio_MtrDegpHwDeg_f32	20.3
<pre><_CrimSysKifiKatio_MitDegpriwDeg_i32</pre> <pre><_CmnTbarStiff_NmpDeg_f32</pre>	2.3
, •	200.03
c_DmpDecelGainFSlew_UlspS_f32	
c_DmpDecelGain_Uls_f32	3.6
c_DmpGainOffThresh_KphpS_f32	20.2
c_DmpGainOnThresh_KphpS_f32	35.3
c_InrtCmp_MtrInertia_KgmSq_f32	0.00009
<pre>c_InrtCmp_MtrVel_ScaleFactor_Uls_f32</pre>	0.8
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	2387
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	2728
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	3068
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	3409
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	523
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1038
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1553
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	2068
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	2583
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	3099
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	3614
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	4129
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
2_FDD_FreqTblYM_Hz_u12p4[0][0]	32
2_FDD_FreqTblYM_Hz_u12p4[0][1]	48
2_FDD_FreqTblYM_Hz_u12p4[0][2]	64
2_FDD_FreqTblYM_Hz_u12p4[0][3]	80
2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
2_FDD_FreqTblYM_Hz_u12p4[0][5]	112
2_FDD_FreqTblYM_Hz_u12p4[0][6]	128
2_FDD_FreqTblYM_Hz_u12p4[0][7]	144

FrqDepDmpnInrtCmp_Per1

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		CIGO
Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	160	
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	176	
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	192	
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	208	
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	48	
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	64	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	80	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	96	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	112	
t2_FDD_FreqTbIYM_Hz_u12p4[1][5]	128	
t2_FDD_FreqTbIYM_Hz_u12p4[1][6]	144	
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	160	
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	176	
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	192	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	208	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	224	
t_CmnVehSpd_Kph_u9p7[0]	2560	
t_CmnVehSpd_Kph_u9p7[1]	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
t_CmnVehSpd_Kph_u9p7[3]	6400	
t_CmnVehSpd_Kph_u9p7[4]	7680	
t_CmnVehSpd_Kph_u9p7[5]	8960	
t_CmnVehSpd_Kph_u9p7[6]	10240	
t_CmnVehSpd_Kph_u9p7[7]	11520	
t_CmnVehSpd_Kph_u9p7[8]	12800	
t_CmnVehSpd_Kph_u9p7[9]	14080	
t_CmnVehSpd_Kph_u9p7[10]	15360	
t_CmnVehSpd_Kph_u9p7[11]	16640	
t_DmpADDCoefX_MtrNm_u4p12[0]	8602	
t_DmpADDCoefX_MtrNm_u4p12[1]	9011	
t_DmpADDCoefX_MtrNm_u4p12[2]	9421	
t_DmpADDCoefX_MtrNm_u4p12[3]	9830	
t_DmpADDCoefX_MtrNm_u4p12[4]	10240	
t_DmpADDCoefX_MtrNm_u4p12[5]	10650	
t_DmpADDCoefX_MtrNm_u4p12[6]	11059	
t_DmpADDCoefX_MtrNm_u4p12[7]	11469	
t_DmpADDCoefX_MtrNm_u4p12[8]	11878	
t_DmpADDCoefX_MtrNm_u4p12[9]	12288	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
t DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1480	
t DmpDecelGainSlewY UlspS u13p3[1]	1488	
	1496	
t_DmpDecelGainSlewY_UlspS_u13p3[2]		
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_UIs_u2p14[2]	6554	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	704	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	352	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	400	
t_FDD_AttenTblY_Uls_u8p8[0]	65	
t_FDD_AttenTblY_Uls_u8p8[1]	68	
t_FDD_BlendTblY_Uls_u8p8[0]	5	
t_FDD_BlendTblY_Uls_u8p8[1]	8	
t_FDD_BlendTblY_Uls_u8p8[2]	10	
t_FDD_BlendTblY_Uls_u8p8[3]	13	
DD_Diction Total_clo_dopo[o]	110	

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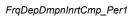
FrqDepDmpnInrtCmp_Per1

			TOPE CITORIO
Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[4]	15		
t_FDD_BlendTblY_Uls_u8p8[5]	18		
t_FDD_BlendTblY_Uls_u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[7]	23		
t_FDD_BlendTblY_Uls_u8p8[8]	26		
t_FDD_BlendTblY_Uls_u8p8[9]	28		
t_FDD_BlendTblY_Uls_u8p8[10]	31		
t_FDD_BlendTblY_Uls_u8p8[11]	33		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141		
t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[0]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[2]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	29		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_Uls_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	-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		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmetaller (Compared to the Compared to th$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssis	stCmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_RepUppDmpn$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor	·Vel_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpNInrtCmp_Per1_FreqDepDmpSepDmpNInrtCmp_Per1_FreqDepDmpSepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_$		mpSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmp$	0		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwriter = 0.0000000000000000000000000000000000$	0-11111	= =	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccepts and the property of the property $			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCm$			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	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	•
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 FraDenDmonlortCmp Per1 FraDenDmonlortCmp MtrNm f32 value	1 2999995	1 3 + 0 00048828125	

1.29999995

 $tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value$

1.3 ± 0.00048828125





Т				✓
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)	
Name	Input Value
PreDecelGain_Uls_M_f32	125691.185
Prev1PreAttnComp_MtrNm_M_f32	2.2
Prev1SclDrvVel_RadpS_M_f32	292.6
Prev2PreAttnComp_MtrNm_M_f32	6.8
Prev2SclDrvVel_RadpS_M_f32	105.1
PrevTbarAng_HwDeg_M_f32	-0.001
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(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	2.5
TbarVelFiltSv_M_str.K_Uls_f32	0.35874
k_CmnSysKinRatio_MtrDegpHwDeg_f32	30.2
k_CmnTbarStiff_NmpDeg_f32	3.5
k_DmpDecelGainFSlew_UlspS_f32	100.02
k_DmpDecelGain_Uls_f32	4.5
k_DmpGainOffThresh_KphpS_f32	22.1
k_DmpGainOnThresh_KphpS_f32	40.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00002
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1695
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64
tz_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][2] t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][5]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	144
tz_FDD_FreqTblYM_Hz_u12p4[0][7]	160
tz_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8]	176
	176
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80

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Name	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] _DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4224 4256	
	4288	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3] _DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320	
	4352	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5] _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_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	885	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	986	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	1087	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1188	
_FDD_ADDStaticTbIY_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_ADDStaticTbIY_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	
_FDD_BlendTblY_Uls_u8p8[3]	18	
_FDD_BlendTblY_Uls_u8p8[4]	20	
_FDD_BlendTblY_Uls_u8p8[5]	23	
_FDD_BlendTblY_Uls_u8p8[6]	26	
_FDD_BlendTblY_Uls_u8p8[7]	28	
_FDD_BlendTblY_Uls_u8p8[8]	31	
t_FDD_BlendTbIY_Uls_u8p8[9]	33	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	36		
t_FDD_BlendTblY_Uls_u8p8[11]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	42		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	45		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTblX_MtrNm_u8p8[2]	845		
t_WIRBIndTblX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_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 FrgDepDmpnInrtCmp FltInjection SCom FltInjectio	-2.2		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssist		Cmd MtrNm f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor\			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm		·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm			
tqt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 HwTorque			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon.	0-111 1-1-1	=	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe			
tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAr		·	
Name	Actual Value	Expected Value	Popule
	125690.984	Process of the second	Result
PreDecelGain_Uls_M_f32	120090.904	125690.985 ± 0.0625	

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125690.984	125690.985 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	232822.953	232822.9685 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	350.610321	350.6103097 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	2.20000005	2.2 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	292.600006	292.6 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	1.78252006	1.78252 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-2.20000005	-2.2 ± 0.00048828125	✓





Т				✓
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)	✓
	Input Value
PreDecelGain_Uls_M_f32	125793.16
Prev1PreAttnComp_MtrNm_M_f32	-2.2
Prev1ScIDrvVel_RadpS_M_f32	-160.3
Prev2PreAttnComp MtrNm M f32	-5.2
Prev2ScIDrvVel_RadpS_M_f32	-301.2
PrevTbarAng_HwDeg_M_f32	-1.1549
	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.5
	0.47856
k_CmnSysKinRatio_MtrDegpHwDeg_f32	40.4
	4.5
, ,	200.05
	3.2
	22.3
k_DmpGainOnThresh_KphpS_f32	45.6
	0.00003
	0.6
·	704
0 _ 1 1 _ 1 1 1 1 1	814
	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1793
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	176
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	224
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	240
t2_FDD_FreqTbIYM_Hz_u12p4[1][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96

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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	
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	
	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[7] _CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
_CmnVehSpd_Kph_u9p7[10]	1408	
_CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	16794	
_DmpADDCoefX_MtrNm_u4p12[1]	17203	
_DmpADDCoefX_MtrNm_u4p12[2]	17613	
_DmpADDCoefX_MtrNm_u4p12[3]	18022	
_DmpADDCoefX_MtrNm_u4p12[4]	18432	
_DmpADDCoefX_MtrNm_u4p12[5]	18842	
_DmpADDCoefX_MtrNm_u4p12[6]	19251	
_DmpADDCoefX_MtrNm_u4p12[7]	19661	
_DmpADDCoefX_MtrNm_u4p12[8]	20070	
_DmpADDCoefX_MtrNm_u4p12[9]	20480	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952	
DmpDecelGainSlewY UlspS u13p3[0]	1208	
:_DmpDecelGainSlewY_UlspS_u13p3[1]	1216	
mpDecelGainSlewY_UlspS_u13p3[2]	1224	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1232	
_DmpDecelGainSlewY_UlspS_u13p3[4]	1240	
: DmpDecelGainSlewY_UlspS_u13p3[5]	1248	
DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830	
_DmpFiltKpWIRBIndY_UIs_u2p14[3]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1506	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	1653	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	1800	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1946	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2093	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	2240	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	2387	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	512	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	560	
_FDD_AttenTblY_Uls_u8p8[0]	116	
_FDD_AttenTblY_Uls_u8p8[1]	118	
_FDD_BlendTblY_Uls_u8p8[0]	13	
_FDD_BlendTblY_Uls_u8p8[1]	15	
_FDD_BlendTblY_Uls_u8p8[2]	18	
_FDD_BlendTblY_Uls_u8p8[3]	20	
_FDD_BlendTblY_Uls_u8p8[4]	23	
· · · ·		
_FDD_BlendTblY_Uls_u8p8[5]	26	
EDD BlondThIV I II 110 110 1101		
	28	
_FDD_BlendTblY_Uls_u8p8[7]	31	
t_FDD_BlendTbIY_Uls_u8p8[6] t_FDD_BlendTbIY_Uls_u8p8[7] t_FDD_BlendTbIY_Uls_u8p8[8] t_FDD_BlendTbIY_Uls_u8p8[9]		

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Name	Input Value		
t_FDD_BlendTbIY_Uls_u8p8[10]	38		
t_FDD_BlendTblY_Uls_u8p8[11]	41		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	46		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	50		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	60		
	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]			
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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_BaseAssistC	mc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC	md_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_! tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm	oSi tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmp	oSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nIn tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpr	nInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_F	hwi tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_F	lwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA	cce tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA	ccel_KphpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee	d_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee	d_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBl tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
DraDagalCain IIIa M 600		405700 7500 . 0 0005	

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125792.758	125792.7599 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	512151.25	512151.2172 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-300.610382	-300.610367 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.2 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-160.300003	-160.3 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-1.15555549	-1.155555556 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-0.939015687	-0.939021333 ± 0.00390625	✓
tot FraDenDmonInrtCmp Per1 FraDenDmonInrtCmp MtrNm f32 value	2.5	2.5 + 0.00048828125	✓



T				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 3.7 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	125895.135
Prev1PreAttnComp_MtrNm_M_f32	3.3
Prev1SclDrvVel_RadpS_M_f32	2625.3
Prev2PreAttnComp_MtrNm_M_f32	5.2
Prev2SclDrvVel_RadpS_M_f32	157.2
PrevTbarAng_HwDeg_M_f32	1.009
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(Signal	Path_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
FbarVelFiltSv_M_str.SV_Uls_f32	1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.58963
c_CmnSysKinRatio_MtrDegpHwDeg_f32	50.03
<_CmnTbarStiff_NmpDeg_f32	5.2
c_DmpDecelGainFSlew_UlspS_f32	300.06
c_DmpDecelGain_Uls_f32	4.2
c_DmpGainOffThresh_KphpS_f32	33.2
k_DmpGainOnThresh_KphpS_f32	15.2
<pre>c_InrtCmp_MtrInertia_KgmSq_f32</pre>	0.00004
	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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	1692
:2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1793
	1066
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	
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_ADDRollingTbIYM_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_FreqTblYM_Hz_u12p4[0][1]	96
2_FDD_FreqTblYM_Hz_u12p4[0][2]	112
2_FDD_FreqTblYM_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_FreqTblYM_Hz_u12p4[1][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	112

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Name	Input Value	
2_FDD_FreqTbIYM_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]	2560	
_CmnVehSpd_Kph_u9p7[1]	3840	
_CmnVehSpd_Kph_u9p7[2]	5120	
_CmnVehSpd_Kph_u9p7[3]	6400	
_CmnVehSpd_Kph_u9p7[4]	7680	
_CmnVehSpd_Kph_u9p7[5]	8960	
_CmnVehSpd_Kph_u9p7[6]	10240	
_CmnVehSpd_Kph_u9p7[7]	11520	
_CmnVehSpd_Kph_u9p7[8]	12800	
_CmnVehSpd_Kph_u9p7[9]	14080	
_CmnVehSpd_Kph_u9p7[10]	15360	
_CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	20890	
_DmpADDCoefX_MtrNm_u4p12[1]	21299	
_DmpADDCoefX_MtrNm_u4p12[2]	21709	
_DmpADDCoefX_MtrNm_u4p12[3]	22118	
_DmpADDCoefX_MtrNm_u4p12[4]	22528	
_DmpADDCoefX_MtrNm_u4p12[5]	22938	
_DmpADDCoefX_MtrNm_u4p12[6]	23347	
_DmpADDCoefX_MtrNm_u4p12[7]	23757	
_DmpADDCoefX_MtrNm_u4p12[8]	24166	
_DmpADDCoefX_MtrNm_u4p12[9]	24576	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216 9248	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9280	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	1608	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1616	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1624	
_DmpDecelGainSlewY_UlspS_u13p3[2] _DmpDecelGainSlewY_UlspS_u13p3[3]	1632	
DmpDecelGainSlewY_UlspS_u13p3[4]	1640	
_DmpDecelGainSlewY_UlspS_u13p3[4] DmpDecelGainSlewY_UlspS_u13p3[5]	1648	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[2] _DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
_DmpFiltKpWIRBIndY_Uls_u2p14[3] _DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
_DITIPFII(R)WIRBITIUT_DIS_02P14[4] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246	
_FDD_ADDStaticTbH_MttNmpRadpS_um1p17[1]	1638	
_FDD_ADDStaticToH_MithMipRadpS_um1p17[1] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030	
_FDD_ADDStaticTbH_intrNmpRadpS_um1p17[2]	2422	
_FDD_ADDStaticToH_MithMipRadpS_um1p17[3] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814	
_FDD_ADDStaticToff_intrinfipRadpS_unf1pf7[4] _FDD_ADDStaticTbfY_MtrNmpRadpS_um1p17[5]	3206	
_FDD_ADDStaticToH_MithMipRadpS_um1p17[6]	3598	
_FDD_ADDStaticToH_MitNihpRadpS_unHpH7[6] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3990	
_FDD_ADDStaticToH_MithMipRadpS_um1p17[7] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4382	
_FDD_ADDStaticToH_MithImpRadpS_um1p17[9] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	512	
_FDD_AttenTblX_MtrRadpS_u12p4[0] _FDD_AttenTblX_MtrRadpS_u12p4[1]	560	
_FDD_AttenTblY_Uls_u8p8[0]	144	
_FDD_AttenTblY_Uls_u8p8[1]	144	
	146	
_FDD_BlendTbIY_Uls_u8p8[0]		
FDD BlandThIV I lie 11859[1]		
_FDD_BlendTblY_Uls_u8p8[1]	18	
_FDD_BlendTbIY_Uls_u8p8[1] _FDD_BlendTbIY_Uls_u8p8[2] _FDD_BlendTbIY_Uls_u8p8[3]	20 23	

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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]	64	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	72		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	76		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	14746		
t_WIRBIndTblX_MtrNm_u8p8[0]	1306		
t_WIRBIndTbIX_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_WIRCmdAmpBlnd_MtrNm_f32.value	5.2		
tgt Rte Call Ap FrgDepDmpnInrtCmp FltInjection SCom FltInjectio	-3.6		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssist		Cmd MtrNm f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor\			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDr		·	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_	0= 1 1 1 1= = 1 1	· · · · · · · · · · · · · · · · · · ·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon			
tgt Rte Inst Ap FrgDepDmpnInrtCmp.FrgDepDmpnInrtCmp Per1 VehicleSpe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAr	_ 0_ 1 1 1 1		
		Expected Value	Populé
Name	Actual Value	P	Result
PreDecelGain_Uls_M_f32	125894.531	125894.5349 ± 0.0625	~

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125894.531	125894.5349 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	16663430	16663430.49 ± 99.9	•
Prev1SclDrvVel_RadpS_M_f32	202.182922	202.1828953 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	3.29999995	3.3 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	2625.30005	2625.3 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.01923084	1.019230769 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	3.63177729	3.631739231 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-3.5999999	-3.6 ± 0.00048828125	✓





T ✓			✓	
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 3.8 (Repeat Count = 1)	▼
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(SignalPath_Uls_	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_UIs_f32	-6.6
TbarVelFiltSv_M_str.K_Uls_f32	0.63214
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.05
k_CmnTbarStiff_NmpDeg_f32	6.2
k_DmpDecelGainFSlew_UlspS_f32	400.05
k_DmpDecelGain_Uls_f32	6.5
k_DmpGainOffThresh_KphpS_f32	44.5
k_DmpGainOnThresh_KphpS_f32	20.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	272
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	336
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	352

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FrqDepDmpnInrtCmp_Per1 Input Value t2_FDD_FreqTblYM_Hz_u12p4[1][2] 368 t2_FDD_FreqTblYM_Hz_u12p4[1][3] 384 t2 FDD FreqTblYM Hz u12p4[1][4] 400 t2_FDD_FreqTblYM_Hz_u12p4[1][5] 416 t2 FDD FregTblYM 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 13312 t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] 13440 t_CmnVehSpd_Kph_u9p7[6] 13568 13696 t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] 13824 t_CmnVehSpd_Kph_u9p7[9] 13952 t_CmnVehSpd_Kph_u9p7[10] 14080 t_CmnVehSpd_Kph_u9p7[11] 14208 t_DmpADDCoefX_MtrNm_u4p12[0] 24986 t_DmpADDCoefX_MtrNm_u4p12[1] 25395 t_DmpADDCoefX_MtrNm_u4p12[2] 25805 t_DmpADDCoefX_MtrNm_u4p12[3] 26214 t_DmpADDCoefX_MtrNm_u4p12[4] 26624 t_DmpADDCoefX_MtrNm_u4p12[5] 27034 t DmpADDCoefX MtrNm u4p12[6] 27443 t_DmpADDCoefX_MtrNm_u4p12[7] 27853 t_DmpADDCoefX_MtrNm_u4p12[8] 28262 t_DmpADDCoefX_MtrNm_u4p12[9] 28672 t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] 32320 t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] 32352 t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] 32384 32416 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] $t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]$ 32448 t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] 32480 t_DmpDecelGainSlewY_UlspS_u13p3[0] 2408 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 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 2112 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] 2340 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 2568 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 2796 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 3024 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] 3252 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 3480 t_FDD_AttenTblX_MtrRadpS_u12p4[0] 656 t_FDD_AttenTblX_MtrRadpS_u12p4[1] 720 172 t_FDD_AttenTblY_Uls_u8p8[0] t_FDD_AttenTblY_Uls_u8p8[1] 174 t_FDD_BlendTblY_Uls_u8p8[0] 18 t_FDD_BlendTblY_Uls_u8p8[1] 20 23 t FDD BlendTblY Uls u8p8[2] t_FDD_BlendTbIY_Uls_u8p8[3] 26 t_FDD_BlendTblY_Uls_u8p8[4] 28

31

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t_FDD_BlendTblY_Uls_u8p8[5]

t_FDD_BlendTblY_Uls_u8p8[6]

t_FDD_BlendTblY_Uls_u8p8[7]

t_FDD_BlendTblY_Uls_u8p8[8]

t_FDD_BlendTblY_Uls_u8p8[9]

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	44		
t_FDD_BlendTblY_Uls_u8p8[11]	46		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_InrtCmp_TBarVel_ScaleFactorTbIY_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		
· · · · · · · · · · · · · · · · · · ·	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192		
t_WIRBIndTblX_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_Igc.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_BaseAssistCm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_		•	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDi	mpSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr	n 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_VehicleLor	Accel_KphpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_	l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	eed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdA	mpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result

8	. 0 =	. – –	
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	✓
Prev2ScIDrvVel_RadpS_M_f32	-4021.30005	-4021.3 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	0.164516136	0.164516129 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-0.684389591	-0.684393097 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	3.5	3.5 ± 0.00048828125	✓



Т				✓
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 3.9 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126099.085
Prev1PreAttnComp_MtrNm_M_f32	4.4
Prev1ScIDrvVel_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(SignalPa	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.2
TbarVelFiltSv_M_str.K_UIs_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTbIYM_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][7]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3480
t2_FDD_ADDK0iiiiig1b11W_MitNiiipKaup3_uii11p17[1][9] t2_FDD_FreqTblYM_Hz_u12p4[0][0]	336
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	352
	368
t2_FDD_FreqTbIYM_Hz_u12p4[0][2] t2_FDD_FreqTbIYM_Hz_u12p4[0][3]	384
	400
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	- 1
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

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Input Value 688 704 720
704 720
720
700
736
752
768
784
800
816
832
15488
15616
15744
15872
16000
16128
16256
16384
16512
16640
16768
16896
28262
28672
29082
29491
29901
30310
30720
31130 31539
31949
30592
30624
30656
30688
30720
30752
384
392
400
408
416
424
3277
4915
6554
8192
9830
1608
2032
2455
2878
3302
3725
4148
4572
4995
5419
768
800
218
220
20
23
26
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41

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	46		
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	106		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	9830		
t_WIRBIndTblX_MtrNm_u8p8[0]	1766		
t_WIRBIndTblX_MtrNm_u8p8[1]	1792		
t_WIRBIndTblX_MtrNm_u8p8[2]	1818		
t_WIRBIndTblX_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_WIRCmdAmpBlnd_MtrNm_f32.value	7.1		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-4.5		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC		BaseAssistCmd MtrNm f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm			
tqt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_I	V		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee		· ·	
tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm			
		<u> </u>	Descrit
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126098.086	126098.085 ± 0.0625	Y

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



T				✓
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 3.10 (Repeat Count = 1)	Innut Value
Name	Input Value
PreDecelGain_Uls_M_f32	126201.06
Prev1PreAttnComp_MtrNm_M_f32	-4.4
Prev1ScIDrvVel_RadpS_M_f32	-270.2
Prev2PreAttnComp_MtrNm_M_f32	-1.7
Prev2SclDrvVel_RadpS_M_f32	-15.3
PrevTbarAng_HwDeg_M_f32	0.279
	alPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	-5.5
barVelFiltSv_M_str.K_Uls_f32	0.025896
_CmnSysKinRatio_MtrDegpHwDeg_f32	80.02
c_CmnTbarStiff_NmpDeg_f32	8.8
c_DmpDecelGainFSlew_UlspS_f32	600.06
c_DmpDecelGain_Uls_f32	7.2
c_DmpGainOffThresh_KphpS_f32	16.2
C_DmpGainOnThresh_KphpS_f32	30.2
c_InrtCmp_MtrInertia_KgmSq_f32	0.0001
:_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	1427
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	1655
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	1884
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	2112
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	2340
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	2568
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	3024
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	3252
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	3480
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	2455
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	5419
2_FDD_FreqTblYM_Hz_u12p4[0][0]	656
2_FDD_FreqTblYM_Hz_u12p4[0][1]	672
2_FDD_FreqTblYM_Hz_u12p4[0][2]	688
2_FDD_FreqTblYM_Hz_u12p4[0][3]	704
2_FDD_FreqTblYM_Hz_u12p4[0][4]	720
2_FDD_FreqTblYM_Hz_u12p4[0][5]	736
2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
2_FDD_FreqTblYM_Hz_u12p4[0][7]	768
2_FDD_FreqTblYM_Hz_u12p4[0][8]	784
2_FDD_FreqTblYM_Hz_u12p4[0][9]	800
2_FDD_FreqTblYM_Hz_u12p4[0][10]	816
2_FDD_FreqTblYM_Hz_u12p4[0][11]	832
2_FDD_FreqTblYM_Hz_u12p4[1][0]	1296
2_FDD_FreqTblYM_Hz_u12p4[1][1]	1312

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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328	
12_FDD_F1eq1b1YM_Hz_u12p4[1][2] 12_FDD_FreqTb1YM_Hz_u12p4[1][3]	1344	
12_FDD_FreqTblYM_Hz_u12p4[1][4]	1360	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	1376	
	1392	
2_FDD_FreqTblYM_Hz_u12p4[1][6]		
2_FDD_FreqTblYM_Hz_u12p4[1][7]	1408	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	1424	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	1440	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	1456	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	1472	
_CmnVehSpd_Kph_u9p7[0]	10368	
CmnVehSpd_Kph_u9p7[1]	10496	
CmnVehSpd_Kph_u9p7[2]	10624	
_CmnVehSpd_Kph_u9p7[3]	10752	
t_CmnVehSpd_Kph_u9p7[4]	10880	
_CmnVehSpd_Kph_u9p7[5]	11008	
_CmnVehSpd_Kph_u9p7[6]	11136	
_CmnVehSpd_Kph_u9p7[7]	11264	
_CmnVehSpd_Kph_u9p7[8]	11392	
_CmnVehSpd_Kph_u9p7[9]	11520	
_CmnVehSpd_Kph_u9p7[10]	11648	
_CmnVehSpd_Kph_u9p7[11]	11776	
_DmpADDCoefX_MtrNm_u4p12[0]	24986	
_DmpADDCoefX_MtrNm_u4p12[1]	25395	
_DmpADDCoefX_MtrNm_u4p12[2]	25805	
	26214	
_DmpADDCoefX_MtrNm_u4p12[4]	26624	
:_DmpADDCoefX_MtrNm_u4p12[5]	27034	
_DmpADDCoefX_MtrNm_u4p12[6]	27443	
	27853	
mpADDCoefX_MtrNm_u4p12[8]	28262	
DmpADDCoefX_MtrNm_u4p12[9]	28672	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264	
bmpbecelGainSlewX_MtrRadpS_u11p5[1]	27296	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27328	
	27326	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27392	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	3608	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	3616	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624	
:_DmpDecelGainSlewY_UlspS_u13p3[3]	3632	
DmpDecelGainSlewY_UlspS_u13p3[4]	3640	
:_DmpDecelGainSlewY_UlspS_u13p3[5]	3648	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789	
_FDD_ADDStaticTbIY_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	
	3834	
	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	
_FDD_BlendTblY_Uls_u8p8[7]	68	
_FDD_BlendTblY_Uls_u8p8[8]	71	
t_FDD_BlendTblY_Uls_u8p8[9]	74	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	77		
t_FDD_BlendTblY_Uls_u8p8[11]	80		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
t_RIAstWIRBIndTbIY_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]	410		
t_WIRBIndTbIX_MtrNm_u8p8[1]	435		
t_WIRBIndTbIX_MtrNm_u8p8[2]	461		
t_WIRBIndTbIX_MtrNm_u8p8[3]	486		
t_WIRBIndTbIX_MtrNm_u8p8[4]	512		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-4.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	0		
$tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value$	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	2.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-40.02		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	130.09		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.1		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	4.3		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmodel{eq:local_property} and the property of the propert$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC	Cmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRF$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwInrtCmp_HwInrtCmp_Per1_HwTorque_HwInrtCmp_Per1_HwTorque_HwInrtCmp_HwInrtCm$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_F	HwNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccellation (Compared to the Compared to $	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA	accel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee	ed_Kph_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmp_Per1_WIRCmp_Per1_WIR$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126199.859	126199.8599 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-377091.875	-377091.8717 ± 0.9	✓

8	. 0 = 1 1 1 1 = =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126199.859	126199.8599 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-377091.875	-377091.8717 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-0.866061449	-0.866061495 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	-4.4 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-270.200012	-270.2 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	0.284090906	0.284090909 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-5.29165506	-5.291654909 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	4.30000019	4.3 ± 0.00048828125	✓

Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached

FrqDepDmpnInrtCmp_Per1



T 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 FrgDepDmpnInrtCmp FltInjection SCom FltInjection	1	Rte Call Ap FrgDepDmpnInrtCmp FltInjection SCom FltInjection	1	V

Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached

Test Step 3.11 (Repeat Count = 1)	
	Input Value
	•
	126303.035
,	5.5
·	6789
, = = = =	1.7 5322.2
	-0.269
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_UIs_	
	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
	5.2
	0.03698
	90.02
	9.6
	700.02
,	8.5
	24.1
- 1 - 1 - 1	35.3
- '	0.00008
·	0.1
	1608
	2032
	2455
	2878
	3302
	3725
	4148
	4572
	4995
	5419
	1789
	2130
	2471
	2811
	3152
	3493
	3834
	4175
	4515
	4856
	1296
, , , , , , , , , , , , , , , , , , , ,	1312
	1328
, ,	1344
	1360
, , , , , , , , , , , , , , , , , , , ,	1376
, , , , , , , , , , , , , , , , , , , ,	1392
, , , , , , , , , , , , , , , , , , , ,	1408
, , , , , ,	1424
, , , , , , , , , , , , , , , , , , , ,	1440
	1456
, , , , , , ,	1472
t2_FDD_FreqTblYM_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 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 FregTblYM Hz u12p4[1][6] 1232 t2_FDD_FreqTblYM_Hz_u12p4[1][7] 1248 t2_FDD_FreqTblYM_Hz_u12p4[1][8] 1264 t2_FDD_FreqTblYM_Hz_u12p4[1][9] 1280 t2_FDD_FreqTblYM_Hz_u12p4[1][10] 1296 t2_FDD_FreqTblYM_Hz_u12p4[1][11] 1312 t_CmnVehSpd_Kph_u9p7[0] 5248 t_CmnVehSpd_Kph_u9p7[1] 5376 t_CmnVehSpd_Kph_u9p7[2] 5504 t_CmnVehSpd_Kph_u9p7[3] 5632 5760 t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] 5888 t_CmnVehSpd_Kph_u9p7[6] 6016 t_CmnVehSpd_Kph_u9p7[7] 6144 t_CmnVehSpd_Kph_u9p7[8] 6272 t_CmnVehSpd_Kph_u9p7[9] 6400 t_CmnVehSpd_Kph_u9p7[10] 6528 t_CmnVehSpd_Kph_u9p7[11] 6656 t_DmpADDCoefX_MtrNm_u4p12[0] 28262 t_DmpADDCoefX_MtrNm_u4p12[1] 28672 t_DmpADDCoefX_MtrNm_u4p12[2] 29082 t_DmpADDCoefX_MtrNm_u4p12[3] 29491 t_DmpADDCoefX_MtrNm_u4p12[4] 29901 t_DmpADDCoefX_MtrNm_u4p12[5] 30310 t DmpADDCoefX MtrNm u4p12[6] 30720 t_DmpADDCoefX_MtrNm_u4p12[7] 31130 t_DmpADDCoefX_MtrNm_u4p12[8] 31539 t_DmpADDCoefX_MtrNm_u4p12[9] 31949 t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] 14592 t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] 14624 t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] 14656 14688 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] $t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]$ 14720 t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] 14752 t_DmpDecelGainSlewY_UlspS_u13p3[0] 288 t_DmpDecelGainSlewY_UlspS_u13p3[1] 296 t_DmpDecelGainSlewY_UlspS_u13p3[2] 304 t_DmpDecelGainSlewY_UlspS_u13p3[3] 312 t_DmpDecelGainSlewY_UlspS_u13p3[4] 320 t_DmpDecelGainSlewY_UlspS_u13p3[5] 328 $t_DmpFiltKpWIRBIndY_Uls_u2p14[0]$ 6554 t_DmpFiltKpWIRBIndY_Uls_u2p14[1] 8192 t_DmpFiltKpWIRBIndY_Uls_u2p14[2] 9830 t_DmpFiltKpWIRBIndY_Uls_u2p14[3] 11469 t DmpFiltKpWIRBIndY Uls u2p14[4] 13107 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] 161 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 328 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] 494 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 661 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] 827 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 994 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 1160 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 1326 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] 1493 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 1659 t_FDD_AttenTblX_MtrRadpS_u12p4[0] 944 t_FDD_AttenTblX_MtrRadpS_u12p4[1] 960 78 t_FDD_AttenTblY_Uls_u8p8[0] t_FDD_AttenTblY_Uls_u8p8[1] 80 t_FDD_BlendTblY_Uls_u8p8[0] 65 t_FDD_BlendTblY_Uls_u8p8[1] 68 t FDD BlendTblY Uls u8p8[2] 70 t_FDD_BlendTbIY_Uls_u8p8[3] 73 t_FDD_BlendTblY_Uls_u8p8[4] 75 t_FDD_BlendTblY_Uls_u8p8[5] 78 t_FDD_BlendTblY_Uls_u8p8[6] 80

83

86

88

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]	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_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTblX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTblX_MtrNm_u8p8[3]	742		
t_WIRBIndTblX_MtrNm_u8p8[4]	768		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	3.1		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-350.2		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-2.6		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	11.02		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	140.02		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.1		
tgt Rte Call Ap FrqDepDmpnInrtCmp FltInjection SCom FltInjectio	-5.2		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssist		tCmd MtrNm f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor\			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDr		•	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque	. 0 = 1 1 1 1	= =	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAi			
		Expected Value	Decuis
Name	Actual Value	P	Result
PreDecelGain_Uls_M_f32	126301.633	126301.635 ± 0.0625	~

	h .3					
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	~			
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-5.19999981	-5.2 ± 0.00048828125	✓			



T				✓
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	126405.01
Prev1PreAttnComp_MtrNm_M_f32	-5.5
Prev1SclDrvVel_RadpS_M_f32	-37.03
Prev2PreAttnComp_MtrNm_M_f32	-8.3
Prev2SclDrvVel_RadpS_M_f32	-42.2
PrevTbarAng_HwDeg_M_f32	2.459
- Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.2
TbarVelFiltSv_M_str.K_Uls_f32	0.02547
k_CmnSysKinRatio_MtrDegpHwDeg_f32	11.12
k_CmnTbarStiff_NmpDeg_f32	1.5
k_DmpDecelGainFSlew_UlspS_f32	800.01
k_DmpDecelGain_Uls_f32	9.5
k_DmpGainOffThresh_KphpS_f32	32.3
k DmpGainOnThresh KphpS f32	40.2

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FrqDepDmpnInrtCmp_Per1		TAACILAG
Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	208	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	224	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	240	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	256	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	272	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	288	
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	304	
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	320	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	336	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	352	
t_CmnVehSpd_Kph_u9p7[0]	3968	
t_CmnVehSpd_Kph_u9p7[1]	4096	
t_CmnVehSpd_Kph_u9p7[2]	4224	
t_CmnVehSpd_Kph_u9p7[3]	4352	
t_CmnVehSpd_Kph_u9p7[4]	4480	
t_CmnVehSpd_Kph_u9p7[5]	4608	
t_CmnVehSpd_Kph_u9p7[6]	4736	
t_CmnVehSpd_Kph_u9p7[7]	4864	
t_CmnVehSpd_Kph_u9p7[8]	4992	
_CmnVehSpd_Kph_u9p7[9]	5120	
t_CmnVehSpd_Kph_u9p7[10]	5248	
t_CmnVehSpd_Kph_u9p7[11]	5376	
t_DmpADDCoefX_MtrNm_u4p12[0]	4506	
:_DmpADDCoefX_MtrNm_u4p12[1]	4915	
t_DmpADDCoefX_MtrNm_u4p12[2]	5325	
:_DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
:_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	20960	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	20992	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	21024	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	21056	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	21088	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	21120	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	384	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	392	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	400	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	408	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	416	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	424	
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
:_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
:_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
:_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024	
	1364	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	3068	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	3409	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1008	
_FDD_AtterTblX_MtrRadpS_u12p4[0]	1000	
_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	
t_FDD_BlendTbIY_Uls_u8p8[6]	109 111	
	1111	
t_FDD_BlendTblY_Uls_u8p8[7] t_FDD_BlendTblY_Uls_u8p8[8]	114	

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Name	Input Value			
t_FDD_BlendTbIY_Uls_u8p8[10]	119			
t_FDD_BlendTblY_Uls_u8p8[11]	122			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205	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_RIAstWIRBIndTbIY_Uls_u2p14[0]				
,	9830	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]				
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_WIRBIndTbIX_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			
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	2.2			
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	5.3			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCr	nc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist	Cmd_MtrNm_f32		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe	_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor\	/el_MtrRadpS_f32		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp	Sı tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDr	npSrlComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn	In tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDm	pnInrtCmp_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	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon	Accel_KphpS_f32		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed	LI tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp	B tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	mpBlnd_MtrNm_f32		
Name	Actual Value	Expected Value	Resu	
Dra Danal Cain, I IIIa, M. 600	120102 100	400400 44 . 0 0005		

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126403.406	126403.41 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-343428.688	-343428.7798 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	314.997375	314.9973886 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-5.5	-5.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-37.0299988	-37.03 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	2.4666667	2.466666667 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-3.99539185	-3.995391 ± 0.00390625	✓
tot FraDenDmpnInrtCmp Per1 FraDenDmpnInrtCmp MtrNm f32 value	5.30000019	5.3 + 0.00048828125	✓



T				✓
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
Prev2ScIDrvVel_RadpS_M_f32	17.2
PrevTbarAng_HwDeg_M_f32	-1.51
•	
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
к_DripGalifOffTrilesti_кұлірб_г52 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][0]	2032
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3725
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	4995
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTbIYM_MitrNmpRadpS_um1p17[0][9]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175 4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][2] 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] t2_FDD_FreqTblYM_Hz_u12p4[0][7]	272 288
	304
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	
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_FregTblYM_Hz_u12p4[1][1]	512

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Name	Input Value	
Name l2_FDD_FreqTblYM_Hz_u12p4[1][2]	528	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	544	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	560	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	576	
	592	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	608	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	624	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	640	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	656	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	672	
_CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
_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]	8602	
_DmpADDCoefX_MtrNm_u4p12[1]	9011	
_DmpADDCoefX_MtrNm_u4p12[2]	9421 9830	
_DmpADDCoefX_MtrNm_u4p12[3] _DmpADDCoefX_MtrNm_u4p12[4]	10240	
_DmpADDCoetX_MtrNm_u4p12[4]	10650	
_DmpADDCoefX_MtrNm_u4p12[6]	11059	
_DmpADDCcetX_MtrNm_u4p12[7]	11469	
_DmpADDCoefX_MtrNm_u4p12[8]	11878	
_DmpADDCoefX_MtrNm_u4p12[9]	12288	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	25216	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	25248	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	25280	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	25312	
	25344	
	25376	
_DmpDecelGainSlewY_UlspS_u13p3[0]	448	
_DmpDecelGainSlewY_UlspS_u13p3[1]	456	
_DmpDecelGainSlewY_UlspS_u13p3[2]	464	
_DmpDecelGainSlewY_UlspS_u13p3[3]	472	
_DmpDecelGainSlewY_UlspS_u13p3[4]	480	
_DmpDecelGainSlewY_UlspS_u13p3[5]	488	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1088	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	1120	
_FDD_AttenTblY_Uls_u8p8[0]	129	
_FDD_AttenTblY_Uls_u8p8[1]	131	
_FDD_BlendTblY_Uls_u8p8[0]	116	
_FDD_BlendTblY_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_BlendTblY_Uls_u8p8[6]	131 134	
_FDD_BlendTblY_Uls_u8p8[7]	134	
:_FDD_BlendTbIY_Uls_u8p8[8]	130	

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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_ScaleFactorTbIY_UIs_u9p7[11]	358		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	46		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	50		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55		
t InrtCmp TBarVel_ScaleFactorTblY_Uls_u9p7[8]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	60		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	1638		
t_RiAstWiRbindTbiY_Uis_u2p14[1]	3277		
	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[0]			
t_WIRBIndTblX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.8		
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_BaseAssistCm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_		·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr		· · ·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw	t tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	_HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon	Accel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Rte_Inst$	l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	mpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126505.188	126505.1849 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	1010980	1010980.109 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	-319.417603	-319.4175991 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.6 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	26.0200005	26.02 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-1.51999998	-1.52 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	4.10051537	4.100515 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32 value	-6 19999981	-6.2 + 0.00048828125	✓



Т				✓
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)	Innut Value
Name	Input Value
PreDecelGain_Uls_M_f32	126608.96
Prev1PreAttnComp_MtrNm_M_f32	-6.6
Prev1ScIDrvVel_RadpS_M_f32	-33.05
Prev2PreAttnComp_MtrNm_M_f32	-7.5
Prev2ScIDrvVel_RadpS_M_f32	-922.3
PrevTbarAng_HwDeg_M_f32	1.16
	alPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	-3.5
barVelFiltSv_M_str.K_Uls_f32	0.03692
_CmnSysKinRatio_MtrDegpHwDeg_f32	33.15
c_CmnTbarStiff_NmpDeg_f32	3.5
_DmpDecelGainFSlew_UlspS_f32	1000.05
c_DmpDecelGain_Uls_f32	1.5
c_DmpGainOffThresh_KphpS_f32	48.2
_DmpGainOnThresh_KphpS_f32	47.6
_InrtCmp_MtrInertia_KgmSq_f32	0.00011
_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.99
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	2130
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	2471
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	2811
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	3152
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	3493
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	3834
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	4175
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	4856
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	161
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	328
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	494
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	827
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	994
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1160
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][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]	496
2_FDD_FreqTblYM_Hz_u12p4[0][1]	512
2_FDD_FreqTblYM_Hz_u12p4[0][2]	528
2_FDD_FreqTblYM_Hz_u12p4[0][3]	544
2_FDD_FreqTblYM_Hz_u12p4[0][4]	560
2_FDD_FreqTblYM_Hz_u12p4[0][5]	576
2_FDD_FreqTblYM_Hz_u12p4[0][6]	592
2_FDD_FreqTblYM_Hz_u12p4[0][7]	608
2_FDD_FreqTblYM_Hz_u12p4[0][8]	624
2_FDD_FreqTblYM_Hz_u12p4[0][9]	640
2_FDD_FreqTblYM_Hz_u12p4[0][10]	656
2_FDD_FreqTblYM_Hz_u12p4[0][11]	672
2_FDD_FreqTblYM_Hz_u12p4[1][0]	64
2_FDD_FreqTblYM_Hz_u12p4[1][1]	80

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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96	
12_FDD_FreqTbIYM_Hz_u12p4[1][3]	112	
12_FDD_FreqTblYM_Hz_u12p4[1][4]	128	
12_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	
	208	
12_FDD_FreqTbIYM_Hz_u12p4[1][9] 12_FDD_FreqTbIYM_Hz_u12p4[1][10]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	240	
_CmnVehSpd_Kph_u9p7[0]	2560	
_CmnVehSpd_Kph_u9p7[1]	3840	
_CmnVehSpd_Kph_u9p7[2]	5120	
_CmnVehSpd_Kph_u9p7[3]	6400	
_CmnVehSpd_Kph_u9p7[4]	7680	
_CmnVehSpd_Kph_u9p7[5]	8960	
_CmnVehSpd_Kph_u9p7[6]	10240	
_CmnVehSpd_Kph_u9p7[7]	11520	
_CmnVehSpd_Kph_u9p7[8]	12800	
_CmnVehSpd_Kph_u9p7[9]	14080	
_CmnVehSpd_Kph_u9p7[10]	15360	
_CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
_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	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3392	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3424	
_DmpDecelGainSlewY_UlspS_u13p3[0]	680	
_DmpDecelGainSlewY_UlspS_u13p3[1]	688	
_DmpDecelGainSlewY_UlspS_u13p3[2]	696	
_DmpDecelGainSlewY_UlspS_u13p3[3]	704	
_DmpDecelGainSlewY_UlspS_u13p3[4]	712	
_DmpDecelGainSlewY_UlspS_u13p3[5]	720	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034	
_FDD_ADDStaticToff_MitNifipRadpS_um1p17[3] _FDD_ADDStaticTbfY_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_AttenTbIY_Uls_u8p8[1]	161	
_FDD_BlendTblY_Uls_u8p8[0]	144	
_FDD_BlendTblY_Uls_u8p8[1]	146	
_FDD_BlendTbIY_Uls_u8p8[2]	149	
_FDD_BlendTblY_Uls_u8p8[3]	152	
_FDD_BlendTblY_Uls_u8p8[4]	154	
· · · ·	157	
_FDD_BlendTblY_Uls_u8p8[5]		
_FDD_BlendTblY_Uls_u8p8[6]	159	
_FDD_BlendTblY_Uls_u8p8[7]	162	
_FDD_BlendTblY_Uls_u8p8[8]	164	
t_FDD_BlendTbIY_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]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	72		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	76		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1536		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.8		
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		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssist	Cmc tgt_FrqDepDmpnInrtCmp_Per1	_BaseAssistCmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor\			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm	npSr tgt_FrqDepDmpnInrtCmp_Per1	_FreqDepDmpSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm	onIn tgt_FrqDepDmpnInrtCmp_Per1	_FrqDepDmpnInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_	0= 1 1 1 1=	- ' ' '	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon.	0= 1 1 1 1=		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAr			
Name	Actual Value	Expected Value	Resul
PreDecelGain_Uls_M_f32	126606.961	126606.9599 ± 0.0625	riodui
Providence Atta Comp. Markley M. 622	1234391 63	1224294 795 : 0.0	

8	. 0 = 1 1 1 1 = =		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126606.961	126606.9599 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	1334381.63	1334381.785 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	296.508514	296.5085113 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999	-6.6 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-33.0499992	-33.05 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	1.17142856	1.171428571 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-3.15980816	-3.159808571 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	6.0999999	6.1 ± 0.00048828125	✓



T				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 3.15 (Repeat Count = 1)	
	Input Value
	126710.935
PreDecelGain_Uls_M_f32	
·	7.7
Prev1ScIDrvVel_RadpS_M_f32	18.03
	7.5
·	28.5
PrevTbarAng_HwDeg_M_f32	-0.92
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
	5.2
	0.01258
k_CmnSysKinRatio_MtrDegpHwDeg_f32	44.51
, •	4.5
k_DmpDecelGainFSlew_UlspS_f32	1100.02
k_DmpDecelGain_Uls_f32	1.9
	4.2
- ,	30.2
- '	0.00012
	0.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_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
	342
	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
	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1392
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	1408
t2_FDD_FreqTbIYM_Hz_u12p4[0][2]	1424
t2_FDD_FreqTbIYM_Hz_u12p4[0][3]	1440
t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	1456
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	1472
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	1488
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	1504
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	1520
t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	1536
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1552
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	1568
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
12_1 DD_1 Ted 1011101_112_012p4[1][0]	

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	
	224	
t2_FDD_FreqTblYM_Hz_u12p4[1][9]		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256	
t_CmnVehSpd_Kph_u9p7[0]	6784	
t_CmnVehSpd_Kph_u9p7[1]	6912	
t_CmnVehSpd_Kph_u9p7[2]	7040	
t_CmnVehSpd_Kph_u9p7[3]	7168	
t_CmnVehSpd_Kph_u9p7[4]	7296	
t_CmnVehSpd_Kph_u9p7[5]	7424	
t_CmnVehSpd_Kph_u9p7[6]	7552	
t_CmnVehSpd_Kph_u9p7[7]	7680	
t_CmnVehSpd_Kph_u9p7[8]	7808	
t_CmnVehSpd_Kph_u9p7[9]	7936	
t_CmnVehSpd_Kph_u9p7[10]	8064	
t_CmnVehSpd_Kph_u9p7[11]	8192	
t_DmpADDCoefX_MtrNm_u4p12[0]	8602	
t_DmpADDCoefX_MtrNm_u4p12[1]	9011	
t_DmpADDCoefX_MtrNm_u4p12[2]	9421	
t_DmpADDCoefX_MtrNm_u4p12[3]	9830	
t_DmpADDCoefX_MtrNm_u4p12[4]	10240	
t_DmpADDCoefX_MtrNm_u4p12[5]	10650	
t_DmpADDCoefX_MtrNm_u4p12[6]	11059	
t_DmpADDCoefX_MtrNm_u4p12[7]	11469	
t_DmpADDCoefX_MtrNm_u4p12[8]	11878	
t_DmpADDCoefX_MtrNm_u4p12[9]	12288	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3776	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3808	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3840	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3872	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3904	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3936	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1536	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1560	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1568	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576	
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554	
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1232	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1280	
t_FDD_AttenTblY_Uls_u8p8[0]	183	
t_FDD_AttenTblY_Uls_u8p8[1]	185	
t_FDD_BlendTblY_Uls_u8p8[0]	172	
t_FDD_BlendTblY_Uls_u8p8[1]	174	
t_FDD_BlendTblY_Uls_u8p8[2]	176	
t_FDD_BlendTblY_Uls_u8p8[3]	178	
t_FDD_BlendTblY_Uls_u8p8[4]	180	
t_FDD_BlendTblY_Uls_u8p8[5]	183	
t_FDD_BlendTblY_Uls_u8p8[6]	185	
t_FDD_BlendTblY_Uls_u8p8[7]	187	
t_FDD_BlendTblY_Uls_u8p8[8]	189	
t_FDD_BlendTblY_Uls_u8p8[9]	191	
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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	193		
t_FDD_BlendTblY_Uls_u8p8[11]	195		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTbIY_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_InitCmp_1barVel_scaleFactor1bit_bis_u9p7[9] t_InitCmp_TBarVel_scaleFactorTblY_Uls_u9p7[10]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	4915		
,	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]			
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTblX_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_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-4.2		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-22.01		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	180.05		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.6		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	-7.2		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCr	nc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist	Cmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe	_t tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp	Sı tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDn	npSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn	In tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H	wt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon	Accel_KphpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed	d_l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp	BI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	npBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resu
Dra Danal Cain, I IIIa, M. 600	400740 000	126710 025 - 0 0625	

8	. 0 =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126710.938	126710.935 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	26591.9277	26591.92825 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	-177.270554	-177.2705444 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	7.69999981	7.7 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	18.0300007	18.03 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.933333278	-0.933333333 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	5.05071735	5.050717333 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-7.19999981	-7.2 ± 0.00048828125	✓



Τ				✓
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 3.16 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126812.91
Prev1PreAttnComp_MtrNm_M_f32	-7.7
Prev1SclDrvVel_RadpS_M_f32	-28.5
Prev2PreAttnComp_MtrNm_M_f32	-6.5
Prev2SclDrvVel_RadpS_M_f32	-297.3
PrevTbarAng_HwDeg_M_f32	1.145
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(Signate)	alPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	-4.2
FbarVelFiltSv_M_str.K_Uls_f32	0.03257
C_CmnSysKinRatio_MtrDegpHwDeg_f32	55.12
CmnTbarStiff_NmpDeg_f32	5.5
c_DmpDecelGainFSlew_UlspS_f32	1200.05
C_DmpDecelGain_Uls_f32	2.5
c_DmpGainOffThresh_KphpS_f32	8.2
c_DmpGainOnThresh_KphpS_f32	35.2
s_InrtCmp_MtrInertia_KgmSq_f32	0.00013
c_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	683
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	2046
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	2387
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	2728
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	328
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	494
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	661
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	827
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1160
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1326
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1493
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	1659
2_FDD_FreqTblYM_Hz_u12p4[0][0]	496
2_FDD_FreqTblYM_Hz_u12p4[0][1]	512
2_FDD_FreqTblYM_Hz_u12p4[0][2]	528
2_FDD_FreqTblYM_Hz_u12p4[0][3]	544
2_FDD_FreqTblYM_Hz_u12p4[0][4]	560
2_FDD_FreqTblYM_Hz_u12p4[0][5]	576
2_FDD_FreqTblYM_Hz_u12p4[0][6]	592
2_FDD_FreqTblYM_Hz_u12p4[0][7]	608
2_FDD_FreqTblYM_Hz_u12p4[0][8]	624
2_FDD_FreqTblYM_Hz_u12p4[0][9]	640
2_FDD_FreqTblYM_Hz_u12p4[0][10]	656
2_FDD_FreqTblYM_Hz_u12p4[0][11]	672
2_FDD_FreqTblYM_Hz_u12p4[1][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	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 FregTblYM Hz u12p4[1][6] 192 t2_FDD_FreqTblYM_Hz_u12p4[1][7] 208 t2_FDD_FreqTblYM_Hz_u12p4[1][8] 224 t2_FDD_FreqTblYM_Hz_u12p4[1][9] 240 t2_FDD_FreqTblYM_Hz_u12p4[1][10] 256 t2_FDD_FreqTblYM_Hz_u12p4[1][11] 272 t_CmnVehSpd_Kph_u9p7[0] 128 t_CmnVehSpd_Kph_u9p7[1] 256 t_CmnVehSpd_Kph_u9p7[2] 384 t_CmnVehSpd_Kph_u9p7[3] 512 t_CmnVehSpd_Kph_u9p7[4] 640 768 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 1488 t_DmpDecelGainSlewY_UlspS_u13p3[1] t_DmpDecelGainSlewY_UlspS_u13p3[2] 1496 t_DmpDecelGainSlewY_UlspS_u13p3[3] 1504 t_DmpDecelGainSlewY_UlspS_u13p3[4] 1512 t_DmpDecelGainSlewY_UlspS_u13p3[5] 1520 $t_DmpFiltKpWIRBIndY_Uls_u2p14[0]$ 6554 t_DmpFiltKpWIRBIndY_Uls_u2p14[1] 8192 t_DmpFiltKpWIRBIndY_Uls_u2p14[2] 9830 t_DmpFiltKpWIRBIndY_Uls_u2p14[3] 11469 t DmpFiltKpWIRBIndY Uls u2p14[4] 13107 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] 1066 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 1212 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] 1359 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 1506 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] 1653 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 1800 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 1946 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 2093 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] 2240 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 2387 t_FDD_AttenTblX_MtrRadpS_u12p4[0] 1296 t_FDD_AttenTblX_MtrRadpS_u12p4[1] 1360 230 t_FDD_AttenTblY_Uls_u8p8[0] t_FDD_AttenTblY_Uls_u8p8[1] 232 t_FDD_BlendTblY_Uls_u8p8[0] 218 t_FDD_BlendTblY_Uls_u8p8[1] 220 223 t FDD BlendTblY Uls u8p8[2] t_FDD_BlendTbIY_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_BlendTbIY_Uls_u8p8[7] 234 t_FDD_BlendTblY_Uls_u8p8[8] 237

239

t_FDD_BlendTblY_Uls_u8p8[9]

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Input Value 241 243 38 51 64 77 90 102 115 128 141	
243 38 51 64 77 90 102 115	
38 51 64 77 90 102 115	
51 64 77 90 102 115	
64 77 90 102 115 128	
77 90 102 115 128	
90 102 115 128	
102 115 128	
115 128	
128	
154	
166	
179	
92	
93	
95	
96	
97	
99	
100	
101	
102	
104	
105	
190.05	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc	
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32	
l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32	
.l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 8l tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32	
	7.7 7.3 tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32 tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32 tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpSrlComSvcDft_Cnt_lgc tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32 tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126812.906	126812.91 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	267220.719	267220.7121 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	96.8688278	96.86883293 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981	-7.7 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-28.5	-28.5 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.14545453	1.145454545 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-4.05580378	-4.055803727 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	7.30000019	7.3 ± 0.00048828125	✓



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

Name	Input Value
PreDecelGain_Uls_M_f32	126914.885
Prev1PreAttnComp_MtrNm_M_f32	1.5
Prev1SclDrvVel_RadpS_M_f32	24.6
Prev2PreAttnComp_MtrNm_M_f32	6.5
Prev2SclDrvVel_RadpS_M_f32	382.2
PrevTbarAng_HwDeg_M_f32	-0.979
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(Signal	alPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	4.3
TbarVelFiltSv_M_str.K_Uls_f32	0.096321
c_CmnSysKinRatio_MtrDegpHwDeg_f32	66.13
k_CmnTbarStiff_NmpDeg_f32	6.5
c_DmpDecelGainFSlew_UlspS_f32	1300.06
c_DmpDecelGain_Uls_f32	5.6
k_DmpGainOffThresh_KphpS_f32	12.2
k_DmpGainOnThresh_KphpS_f32	40.1
k_InrtCmp_MtrInertia_KgmSq_f32	0.00014
<pre><_InrtCmp_MtrVel_ScaleFactor_Uls_f32</pre>	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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	1364
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	1705
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	2046
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	2387
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	1659
	1136
2_FDD_FreqTblYM_Hz_u12p4[0][0] 2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152
	1168
2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168
2_FDD_FreqTblYM_Hz_u12p4[0][3]	
2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200
2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216
2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232
2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248
2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264
2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280
2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296
12_FDD_FreqTblYM_Hz_u12p4[0][11]	1312
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672

FrqDepDmpnInrtCmp_Per1

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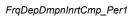
<u> </u>		
Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752	
t2_FDD_FreqTbIYM_Hz_u12p4[1][7]	768	
t2_FDD_FreqTbIYM_Hz_u12p4[1][8]	784	
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	800	
t2_FDD_FreqTbIYM_Hz_u12p4[1][10]	816	
t2_FDD_FreqTbIYM_Hz_u12p4[1][11]	832	
t_CmnVehSpd_Kph_u9p7[0]	2560	
t_CmnVehSpd_Kph_u9p7[1]	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
t_CmnVehSpd_Kph_u9p7[3]	6400	
t_CmnVehSpd_Kph_u9p7[4]	7680	
t_CmnVehSpd_Kph_u9p7[5]	8960	
t_CmnVehSpd_Kph_u9p7[6]	10240	
t_CmnVehSpd_Kph_u9p7[7]	11520	
t_CmnVehSpd_Kph_u9p7[8]	12800	
t_CmnVehSpd_Kph_u9p7[9]	14080	
t_CmnVehSpd_Kph_u9p7[10]	15360	
t_CmnVehSpd_Kph_u9p7[11]	16640	
t_DmpADDCoefX_MtrNm_u4p12[0]	16794	
t_DmpADDCoefX_MtrNm_u4p12[1] t_DmpADDCoefX_MtrNm_u4p12[2]	17203 17613	
t_DmpADDCoefX_MtrNm_u4p12[3]	18022	
t_DmpADDCoefX_MtrNm_u4p12[4]	18432	
t_DmpADDCoefX_MtrNm_u4p12[5]	18842	
t_DmpADDCoefX_MtrNm_u4p12[6]	19251	
t_DmpADDCoefX_MtrNm_u4p12[7]	19661	
t_DmpADDCoefX_MtrNm_u4p12[8]	20070	
t_DmpADDCoefX_MtrNm_u4p12[9]	20480	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	11680	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	11712	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	11744	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	11776	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	11808	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	11840	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1608	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1616	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1624	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1632	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1640	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1648	
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	2814	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	3206	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3598	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3990	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4382	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1344	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1440	
t_FDD_AttenTblY_Uls_u8p8[0]	71	
t_FDD_AttenTblY_Uls_u8p8[1]	74	
t_FDD_BlendTblY_Uls_u8p8[0]	3	
t_FDD_BlendTblY_Uls_u8p8[1]	5	
t_FDD_BlendTbIY_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	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	28		
t_FDD_BlendTblY_Uls_u8p8[11]	31		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTbIX_MtrNm_u8p8[1]	947		
t_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		
	-44.06		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value			
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	210.03		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.2 -8.2		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio		and Merkin 122	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS tqt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmpnInrtCmp		•	
	0= 1 1 1 1= = 1 1 1	·	
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	<u> </u>		1_
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126912.281	126912.2849 ± 0.0625	~

8	. 0 = = =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126912.281	126912.2849 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-756922.563	-756922.4402 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-79.67099	-79.67099743 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	24.6000004	24.6 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.984615386	-0.984615385 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	3.61537886	3.615379969 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-8.19999981	-8.2 ± 0.00048828125	✓





Т				✓
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
Prev1SclDrvVel_RadpS_M_f32	-16.2
Prev2PreAttnComp_MtrNm_M_f32	-4.5
Prev2SclDrvVel_RadpS_M_f32	-25.6
PrevTbarAng_HwDeg_M_f32	0.989
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(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	1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.047852
k_CmnSysKinRatio_MtrDegpHwDeg_f32	77.14
k_CmnTbarStiff_NmpDeg_f32	7.5
k_DmpDecelGainFSlew_UlspS_f32	1400.05
k_DmpDecelGain_Uls_f32	2.1
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	45.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00015
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	4129
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	48
t2_FDDreqTblYM_Hz_u12p4[0][3]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][5]	96
ız_FDD_FreqTbIYM_Hz_u12p4[0][5] t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	112
t2_FDD_FreqTbIYM_Hz_u12p4[0][7] t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	128 144
	144
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]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	192

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Name	Input Value	
name t2_FDD_FreqTblYM_Hz_u12p4[1][2]	208	
12_FDD_FreqTblYM_Hz_u12p4[1][3]	224	
12_FDD_FreqTblYM_Hz_u12p4[1][4]	240	
:2_FDD_FreqTblYM_Hz_u12p4[1][4] :2_FDD_FreqTblYM_Hz_u12p4[1][5]	256	
	272	
2_FDD_FreqTblYM_Hz_u12p4[1][6]		
2_FDD_FreqTblYM_Hz_u12p4[1][7]	288	
I2_FDD_FreqTbIYM_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]	12800	
_CmnVehSpd_Kph_u9p7[1]	12928	
_CmnVehSpd_Kph_u9p7[2]	13056	
_CmnVehSpd_Kph_u9p7[3]	13184	
:_CmnVehSpd_Kph_u9p7[4]	13312	
_CmnVehSpd_Kph_u9p7[5]	13440	
_CmnVehSpd_Kph_u9p7[6]	13568	
_CmnVehSpd_Kph_u9p7[7]	13696	
_CmnVehSpd_Kph_u9p7[8]	13824	
_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	
mpADDCoefX_MtrNm_u4p12[7]	23757	
mpADDCoefX_MtrNm_u4p12[8]	24166	
mpADDCoefX_MtrNm_u4p12[9]	24576	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3904	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3936	
	3968	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
:_DmpDecelGainSlewY_UlspS_u13p3[0]	2408	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424	
:_DmpDecelGainSlewY_UlspS_u13p3[3]	2432	
t_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	
r_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]	1520	
_FDD_AtterFbiX_MtrRadpS_u12p4[0]	1536	
_FDD_AttenTblY_Uls_u8p8[0]	86	
_FDD_AtterTbiY_Uis_u8p8[1]	88	
_FDD_Atternibit_Ois_uopo[1] _FDD_BlendTblY_Uis_u8p8[0]	5	
:_FDD_BlendTblY_Uls_u8p8[1]	8	
_FDD_BlendTblY_Uls_u8p8[2]	10	
_FDD_BlendTblY_Uls_u8p8[3]	13	
_FDD_BlendTblY_Uls_u8p8[4]	15	
_FDD_BlendTblY_Uls_u8p8[5]	18	
_FDD_BlendTblY_Uls_u8p8[6]	20	
_FDD_BlendTblY_Uls_u8p8[7]	23	
_FDD_BlendTblY_Uls_u8p8[8]	26	
t_FDD_BlendTblY_Uls_u8p8[9]	28	

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Name	Input Value		
t_FDD_BlendTbIY_Uls_u8p8[10]	31		
t_FDD_BlendTblY_Uls_u8p8[11]	33		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[6]	23		
t_InrtCmp_TBarVel_ScaleFactorTbIY_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]	1638		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192		
t_WIRBIndTblX_MtrNm_u8p8[0]	1178		
t_WIRBIndTblX_MtrNm_u8p8[1]	1203		
t_WIRBIndTblX_MtrNm_u8p8[2]	1229		
t_WIRBIndTblX_MtrNm_u8p8[3]	1254		
	1280		
t_WIRBIndTblX_MtrNm_u8p8[4]	2.2		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	100.8		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value			
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	7.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	11.01		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	3.2		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	8.3	Overal Michigan (OO	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe		·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr		· · · · ·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed	_ 0_ 1 1 1 1	·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp	BI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	mpBind_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
PreDecelGain_Uls_M_f32	127014.063	127014.0599 ± 0.0625	

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



T				✓
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 3.19 (Repeat Count = 1)	land Value
Name	Input Value
PreDecelGain_Uls_M_f32	127118.835
Prev1PreAttnComp_MtrNm_M_f32	2.5
Prev1ScIDrvVel_RadpS_M_f32	100.8
Prev2PreAttnComp_MtrNm_M_f32	4.5
Prev2SclDrvVel_RadpS_M_f32	987.5
PrevTbarAng_HwDeg_M_f32	-0.894
	alPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	-1.6
barVelFiltSv_M_str.K_Uls_f32	0.2356
_CmnSysKinRatio_MtrDegpHwDeg_f32	88.15
c_CmnTbarStiff_NmpDeg_f32	8.5
_DmpDecelGainFSlew_UlspS_f32	1500.02
c_DmpDecelGain_Uls_f32	2.2
c_DmpGainOffThresh_KphpS_f32	20.6
C_DmpGainOnThresh_KphpS_f32	22.2
x_InrtCmp_MtrInertia_KgmSq_f32	0.00016
:_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2
2_FDD_ADDRollingTbIYM_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_ADDRollingTblYM_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_ADDRollingTbIYM_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
2_FDD_FreqTblYM_Hz_u12p4[0][0]	32
2_FDD_FreqTblYM_Hz_u12p4[0][1]	48
2_FDD_FreqTblYM_Hz_u12p4[0][2]	64
2_FDD_FreqTblYM_Hz_u12p4[0][3]	80
2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
2_FDD_FreqTblYM_Hz_u12p4[0][5]	112
2_FDD_FreqTblYM_Hz_u12p4[0][6]	128
2_FDD_FreqTblYM_Hz_u12p4[0][7]	144
2_FDD_FreqTblYM_Hz_u12p4[0][8]	160
2_FDD_FreqTblYM_Hz_u12p4[0][9]	176
2_FDD_FreqTblYM_Hz_u12p4[0][10]	192
2_FDD_FreqTblYM_Hz_u12p4[0][11]	208
2_FDD_FreqTblYM_Hz_u12p4[1][0]	496
2_FDD_FreqTblYM_Hz_u12p4[1][1]	512

FrqDepDmpnInrtCmp_Per1

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Name Input Value

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	36		
t_FDD_BlendTblY_Uls_u8p8[11]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	32 33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	37 38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	42		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	44 45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]			
t_RIAstWIRBIndTblY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	9830		
t_WIRBIndTblX_MtrNm_u8p8[0]	1434		
t_WIRBIndTblX_MtrNm_u8p8[1]	1459		
t_WIRBIndTblX_MtrNm_u8p8[2]	1485		
t_WIRBIndTblX_MtrNm_u8p8[3]	1510		
t_WIRBIndTblX_MtrNm_u8p8[4]	1536		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-2.1		
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_BaseAssistCm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwTorqu$			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	0= 1 1 1 1= =		
$\underline{tgt}_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed$			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpI	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	mpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127115.836	127115.835 ± 0.0625	
Prev1PreAttnComp_MtrNm_M_f32	-388429 438	-388429 5001 + 0 9	✓

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	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32 value	3 20000005	3 2 + 0 00048828125	✓

FrqDepDmpnInrtCmp_Per1

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T
Actual Function Count Expected Function Count Result

Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached

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Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688

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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		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	46		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	50		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_UIs_u9p7[10]			
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_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTblX_MtrNm_u8p8[4]	1792		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	1.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	150.5		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	8.7		
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_BaseAssistCm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_		·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	0		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_FrqDepD	0= 1 1 1 1= = 1 1		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwriter = 0.0000000000000000000000000000000000$			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccounts$			
${\tt tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_I$		•	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127217.609	127217.6099 ± 0.0625	✓

<u> </u>	. 0 = 1 1 1 1 - 1 = -		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127217.609	127217.6099 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-34957.4961	-34957.49739 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	16.6422844	16.64228823 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-69.5999985	-69.6 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	0.915789425	0.915789474 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	1.96354413	1.963548947 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-1.20000005	-1.2 ± 0.00048828125	✓



T ·				✓
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 3.21 (Repeat Count = 1)	✓
	Input Value
PreDecelGain_Uls_M_f32	127322.785
Prev1PreAttnComp_MtrNm_M_f32	-3.5
Prev1ScIDrvVel_RadpS_M_f32	-49.2
Prev2PreAttnComp MtrNm M f32	-2.4
Prev2ScIDrvVel_RadpS_M_f32	-366.2
PrevTbarAng_HwDeg_M_f32	-6.771
•	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.5
	0.2244
	27.02
k_CmnTbarStiff_NmpDeg_f32	1.3
, ,	1700.05
	2.1
k_DmpGainOffThresh_KphpS_f32	16.2
k_DmpGainOnThresh_KphpS_f32	44.2
	0.00031
	0.9
	342
	683 1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1364
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3] t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	1705
	2046
	2387
	2728
	3068
, , , _ , , , ,	3409
	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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	2046
	2387
` _ ' ' _ ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	2728
	3068
	3409
	64
, ,,	80
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	128
, , , , , , , , , , , , , , , , , , , ,	144
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	160
, , , , , , , , , , , , , , , , , , , ,	176
	192
, , , , , , , , , , , , , , , , , , , ,	208
, , , ,	224
, , , , , , , , , , , , , , , , , , , ,	240
	16
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	32

FrqDepDmpnInrtCmp_Per1

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Name Input Value

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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_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	76		
t_RIAstWIRBIndTblY_UIs_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		
	1997		
t_WIRBIndTblX_MtrNm_u8p8[4]	-1.6		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-150.6		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value			
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_FitInjection_SCom_FitInjectio	1.3	tCmd MtrNm f22	
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_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		i	1_
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	~
Prev1ScIDryVel RadpS M f32	-135 810211	-135 810175 + 0 00390625	I 🗸

8	. 0 - 1 - 1	. – –	
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	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	1.29999995	1.3 ± 0.00048828125	✓



T				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 3.22 (Repeat Count = 1)	
	Input Value
	8787
	4.5
	22.3
·	2.4
,	115.2
	3.403
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	
	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
	2.6
	0.3366
	26.03
	2.7
	1800.06
	2.2
	20.3
- 1 - 1 - 1	8.5 0.00032
,	1
	523
, , , , , , , , , , , , , , , , , , , ,	1038
	1553
	2068
	2583
, , , , , , , , , , , , , , , , , , , ,	3099
	3614
, , , , , , , , , , , , , , , , , , , ,	4129
	4644
, , , , , , , , , , , , , , , , , , , ,	5159
	523
	1038
	1553
	2068
	2583
	3099
	3614
, , , , , , , , , , , , , , , , , , , ,	4129
	4644
	5159
	80
, , , , ,	96
	112
	128
	144
, , , , , , ,	160
	176
	192
	208
	224
	240
, , , , , , ,	256
	32
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	48

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Name	Input Value	
name t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64	
t2_FDD_FreqTbIYM_Hz_u12p4[1][2] t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	80	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	96	
12_FDD_FreqTbIYM_Hz_u12p4[1][5]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	128	
	144	
2_FDD_FreqTblYM_Hz_u12p4[1][7]		
I2_FDD_FreqTbIYM_Hz_u12p4[1][8]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
_CmnVehSpd_Kph_u9p7[0]	3968	
CmnVehSpd_Kph_u9p7[1]	4096	
CmnVehSpd_Kph_u9p7[2]	4224	
_CmnVehSpd_Kph_u9p7[3]	4352	
:_CmnVehSpd_Kph_u9p7[4]	4480	
_CmnVehSpd_Kph_u9p7[5]	4608	
_CmnVehSpd_Kph_u9p7[6]	4736	
_CmnVehSpd_Kph_u9p7[7]	4864	
_CmnVehSpd_Kph_u9p7[8]	4992	
_CmnVehSpd_Kph_u9p7[9]	5120	
:_CmnVehSpd_Kph_u9p7[10]	5248	
_CmnVehSpd_Kph_u9p7[11]	5376	
_DmpADDCoefX_MtrNm_u4p12[0]	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	
bnpADDCoefX_MtrNm_u4p12[7]	11469	
mpADDCoefX_MtrNm_u4p12[8]	11878	
DmpADDCoefX_MtrNm_u4p12[9]	12288	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320	
bmpbecelGainSlewX_MtrRadpS_u11p5[1]	32352	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32384	
:_DmpDecelGainGlewX_MtrRadpS_u11p5[3]	32416	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32440	
:_DmpDecelGainSlewX_WittKaupS_u11p5[3]	384	
	392	
:_DmpDecelGainSlewY_UlspS_u13p3[1]	400	
:_DmpDecelGainSlewY_UlspS_u13p3[2]		
:_DmpDecelGainSlewY_UlspS_u13p3[3]	408	
_DmpDecelGainSlewY_UlspS_u13p3[4]	416	
_DmpDecelGainSlewY_UlspS_u13p3[5]	424	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	494	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
	1776	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1840	
_FDD_AttenTblY_Uls_u8p8[0]	189	
_FDD_AttenTblY_Uls_u8p8[1]	191	
_FDD_BlendTblY_Uls_u8p8[0]	18	
_FDD_BlendTblY_Uls_u8p8[1]	20	
:_FDD_BlendTblY_Uls_u8p8[2]	23	
:_FDD_BlendTblY_Uls_u8p8[3]	26	
_FDD_BlendTblY_Uls_u8p8[4]	28	
_FDD_BlendTblY_Uls_u8p8[5]	31	
:_FDD_BlendTblY_Uls_u8p8[6]	33	
t_FDD_BlendTblY_Uls_u8p8[7]	36	
:_FDD_BlendTbIY_Uls_u8p8[8] :_FDD_BlendTbIY_Uls_u8p8[9]	38	
	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]	166		
t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_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		
	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	91		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]			
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC$			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_		•	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpStarter (a) and the property of the prope$			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI	n tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDm	pnInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwTorqu$	vt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonActions and the property of the property $	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon	Accel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_InstAp_FrqDepDmpnInrtCmp_P$	_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpleters and the property of the property of$	BI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	mpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	8783.39941	8783.39988 ± 0.0625	~
Prev1PreAttnComp MtrNm M f32	-3935 75269	-3935 753195 + 0 009	4

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	8783.39941	8783.39988 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-3935.75269	-3935.753195 ± 0.009	✓
Prev1SclDrvVel_RadpS_M_f32	250.816666	250.8166781 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	22.2999992	22.3 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	3.40740728	3.407407407 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.46656632	2.466606667 ± 0.00390625	✓
tot FraDenDmonInrtCmp Per1 FraDenDmonInrtCmp MtrNm f32 value	2 20000005	2 2 + 0 00048828125	✓



Т				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	~

Input Value		
PROBATION COME, MINTM, M.122 45.5 PreVISPONVE, RadioS, M.132 48.5 PreVISPONVE, RadioS, M.132 30.0 PreVISPONVE, RadioS, M.132 30.0 PreVISPONVE, RadioS, M.132 30.0 PreVISPONVE, RadioS, M.132 30.0 Re, Call, Ap. FrigDepDmpnIntrCmp, Fithjection, SCom, Fithjection (SignalPath). Ixt. Re. Call, Ap. FrigDepDmpnIntrCmp, Fithjection Transferifisty, M. str. AV, Us. 132 2.5 Tavar/erifisty, M. str. AV, Us. 132 3.1 K, CmnSyskin/Ratio, MirtoppHrwDeg, 132 3.1 K, DmpDeaGlain/Slaw, Use, 132 2.5 K, DmpGain/OffThresh, Krybp, 132 2.5 K, Indrop, Mirroria, Kryshp, 132 0.0003 K, Indrop, Mirroria, Kryshp, 132 0.7 K, Indrop, Mirroria, Kryshp, 132 1.4 K, Indrop, Mirroria, Kryshp, 132 1.4 </th <th>Test Step 3.23 (Repeat Count = 1)</th> <th>v v v v v v v v v v v v v v v v v v v</th>	Test Step 3.23 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
	Name	Input Value
Pew SIGNOWAL RadpS, M. 132 48.5 PrewZRedAmComp, MrNm, M. 132 380.2 PrewZRedAmComp, MrNm, M. 132 380.2 PrewZRedAmComp, MrNm, M. 132 360 Re, Call, A. P. FrQbepDmpnInnCmp, Filtrijection, SCom_Filtrijection (SignalPath.) us, Ig. Rev. Call, A. P. FrQbepDmpnInnCmp, Filtrijection SCom_Filtrijection Scom_Filtrijectio	PreDecelGain_Uls_M_f32	45678
	Prev1PreAttnComp_MtrNm_M_f32	-4.5
PrevZBDVVVE RadpS_M_T32 380.2 PrevZBDATAD_HWDBQ_M_T32 3.06 Re_Call_Ap_FrQbpDmpnInrCmp_Fithjection_SCom_Fithjection (SignalPath_Us). tgr.Re_Call_Ap_FrqDepDmpnInrCmp_Fithjection_SCom_Fithjection TharVaFiriSV_M_STS_VL_B_T32 2.5 TharVaFiriSV_M_STS_VL_B_T32 0.4488 K. CmmSpkrifiskol M_StrK_Ulls_T32 0.4488 K. CmmSpkrifiskol M_StrK_Ulls_T32 180.00 K. CmmSpkrifiskol M_DrogapHvDeg_132 3.25 K. CmmSpkrifiskol M_DrogapHvDeg_132 2.6 K. DmpDecelGain-Siew_UlspS_132 2.6 K. DmpDecelGain-Siew_UlspS_132 16.2 K. DmpGainOffTreath_Kphps_132 0.00033 K. InnCmp_Mirlerial_KgmSq_132 0.7 K. InnCmp_Mirlerial_KgmSq_132 0.7 K. InnCmp_Mirlerial_KgmSq_132 1.4 K. InnCmp_Mirlerial_KgmSq_132 1.4 K. InnCmp_Mirlerial_KgmSq_132 1.4 K. InnCmp_Mirlerial_KgmSq_132 1.4 K. E. DDL_ADDRGilligTbVM_MirlmRadpdS_umlp170[0] 7.4 L. F. DDL_ADDRGilligTbVM_MirlmRadpdS_umlp170[1] 1.4 L. F. DDL_ADDRGilligTbVM_MirlmRadpdS_umlp170[1] 1.4 L. F. DDL_ADDRGill	Prev1SclDrvVel_RadpS_M_f32	-48.5
PiewTharking_HkDeg_M_132 3.06 Rile_Call_Ap_FrqDepDmpnInrCmp_Fithjection_SCom_Fithjection(SignalPath_Us) tgr.Ric_Call_Ap_FrqDepDmpnInrCmp tithjection_SCom_Fithjection tgr.Ric_Inst_Ap_FrqDepDmpnInrCmp tithjection_SCom_Fithjection tgr.Ric_Inst_Ap_FrqDepDmpnInrCmp tgr.Ric_Inst_Ap	Prev2PreAttnComp_MtrNm_M_f32	-1.1
Ric _ Call _ Ap _ FrqDepDmpnInrtCmp_ Fithrjection _ SCom_ Fithrjection Stom_ Fithry	Prev2SclDrvVel_RadpS_M_f32	-380.2
ReLinst.Ap_FrqDepDmpnInrtCmp	PrevTbarAng_HwDeg_M_f32	-3.06
Toar/velFittSv_M_str.Sv_Uls_132	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Toan/velFillSv_M_str.K_Uls_132 0.4488	Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
k. CmmSysKinRatio_MtrDegpHvDeg_132 3.1 k. CmmTbarStiff_NmpDeg_132 3.1 k. DmpDeeclinanFSlew_UlspS_132 1900.08 k. DmpDeeclinanFSlew_UlspS_132 2.6 k. DmpDeeclinanFSlew_UlspS_132 2.6 k. DmpDeaclinanFSlew_UlspS_132 3.1 k. DmpCalinonThresh_KphpS_132 16.2 k. InmCnp_MtrInesh_KphpS_132 16.2 k. InmCnp_MtrInesh_KphpS_132 0.00033 k. InmCnp_MtrInesh_KphpS_132 0.7 k. InmCnp_MtrInesh_KphpS_2 0.7 k. InmCnp_MtrInesh_KphpS_132 0.7 k. InmCnp_MtrInesh_KphpS_2 0.7 k	TbarVelFiltSv_M_str.SV_Uls_f32	-2.5
k. CmrtBarSitf, NmpDeg_132 3.1 k. CmrtDacelGainFUkr_132 1900.08 k. DmpDecelGainFUkr_32 2.6 k. DmpDecelGainFUkr_32 2.5 k. DmpGainOrThreeh, KphpS_132 16.2 k. InnCmp, Mirrlentia, KgmSq_132 0.00033 k. InnCmp, Mirrle, ScaleFactor, Uls_132 0.7 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[0][0] 704 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[0][1] 814 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[0][2] 924 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[0][3] 1034 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[0][4] 1144 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[0][5] 1254 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[0][6] 1364 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[0][7] 1475 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[0][8] 1585 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[0][9] 523 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[1][0] 523 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[1][1] 1038 12. FDD. ADDRollingTbYM, MirrlmpRadpS_um1p17[1][1] 2583 12	TbarVelFiltSv_M_str.K_Uls_f32	0.4488
k_CmrDacelGainFilew_UispS_132 k_DmpDecelGainFilew_UispS_132 k_DmpDecelGainFilew_UispS_132 k_DmpDecelGainFilew_UispS_132 k_DmpCainOrThreah_KphpS_132 k_DmpCainOrThreah_KphpS_132 k_DmpCainOrThreah_KphpS_132 k_DmpCainOrThreah_KphpS_132 k_IntrCmp_MirVel_ScaleFactor_Uis_182 k_IntrCmp_MirVel_MirVel_RadepS_ump177[0][8] k_IntrCmp_MirVel_RadepS_ump177[0][8] k_IntrCmp_MirVel_RadepS_ump177[0][8] k_IntrCmp_MirVel_RadepS_ump177[0][8] k_IntrCmp_MirVel_RadepS_ump177[0][8] k_IntrCmp_MirVel_RadepS_ump177[0][8] k_IntrCmp_MirVel_RadepS_ump177[0][8] k_IntrCmp_MirVel_RadepS_ump177[0][8] k_IntrCmp_MirVel_RadepS_ump177	<_CmnSysKinRatio_MtrDegpHwDeg_f32	53.25
k_DmpDecelGain_Uls_132 2.6 k_DmpGainOrfThresh_KphpS_132 22.5 k_DmpGainOrfThresh_KphpS_132 16.2 k_InrtCmp_MtrInertia_KgmSq_132 0.00033 k_InrtCmp_MtrVel_ScaleFactor_Uls_132 0.7 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][0] 704 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][2] 924 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][3] 1034 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][6] 1144 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][6] 1254 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][6] 1384 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][6] 1384 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][8] 1585 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][9] 1695 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][1] 1038 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][1] 1038 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][1] 1038 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][1] 1038 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][1] 253 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][1] 253 <		3.1
k_DmpGainOrfThresh_KphpS_132 16.2 k_DmpGainOnfThresh_KphpS_132 16.2 k_InntCmp_Mirrherial_KpnpS_q132 0.00033 k_InntCmp_Mirrherial_KpnpS_q132 0.7 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][0] 704 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][1] 814 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][2] 924 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][3] 1034 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][6] 1364 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][6] 1364 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][7] 1475 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][8] 1585 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][9] 1585 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] 1038 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] 1038 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] 1583 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] 1583 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] 2583 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] 3089 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] <td< td=""><td>k_DmpDecelGainFSlew_UlspS_f32</td><td>1900.08</td></td<>	k_DmpDecelGainFSlew_UlspS_f32	1900.08
k_DmpGainOrfThresh_KphpS_132 16.2 k_DmpGainOnfThresh_KphpS_132 16.2 k_InntCmp_Mirrherial_KpnpS_q132 0.00033 k_InntCmp_Mirrherial_KpnpS_q132 0.7 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][0] 704 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][1] 814 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][2] 924 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][3] 1034 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][6] 1364 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][6] 1364 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][7] 1475 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[0][8] 1585 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][9] 1585 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] 1038 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] 1038 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] 1583 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] 1583 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] 2583 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] 3089 12_FDD_ADDRollingTb1YM_MirrhmpRadps_um1p17[1][1] <td< td=""><td><_DmpDecelGain_Uls_f32</td><td>2.6</td></td<>	<_DmpDecelGain_Uls_f32	2.6
k_DmpGainOnThresh_KphpS_J32 16.2 k_InntCmp_Mirtneria_KgmSq_J32 0.00033 k_InntCmp_Mirtneria_KgmSq_J32 0.7 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(0](0) 704 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(0)(1) 814 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(0)(2) 924 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(0)(3) 1034 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(0)(4) 1144 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(0)(6) 1864 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(0)(7) 1475 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(0)(8) 1585 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(1)(9) 523 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(1)(1) 523 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(1)(2) 1553 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(1)(2) 1553 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(1)(3) 2068 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(1)(4) 2583 12_EDD_ADRollingTbiYM_MirthmpRadpS_um1p17(1)(6) 3614 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(1)(6) 3614 12_EDD_ADDRollingTbiYM_MirthmpRadpS_um1p17(1)(6)		22.5
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k_InnCmp_MtrVel_ScaleFactor_Uls_f32 0.7 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] 704 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] 814 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] 924 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[0][3] 1034 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[0][4] 1144 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[0][5] 1254 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[0][6] 1364 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[0][7] 1475 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[0][8] 1585 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[1][9] 1695 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[1][0] 523 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[1][1] 1038 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1553 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1553 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2068 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4129 12_FDD_ADRollingTblYM_MtrNmpRadpS_um1p17[
12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[0][0] 704 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[0][1] 814 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[0][2] 924 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[0][3] 1034 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[0][4] 1144 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[0][6] 1254 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[0][6] 1364 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[0][8] 1585 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[0][8] 1585 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[0][9] 1695 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[1][0] 523 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[1][1] 1038 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[1][2] 1553 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[1][2] 2583 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[1][4] 2583 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[1][6] 3614 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[1][6] 3614 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[1][6] 3614 12_FDD_ADROllingTbIYM_MtrNmpRadpS_um1p17[1][6] 3614 12_FDD_FeqTbIYM_Hz_u12p4[0][0] 96 12_FDD_FeqTbIYM_H		0.7
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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_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		4129
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][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		5159
12_FDD_FreqTblYM_Hz_u12p4[0][1] 112 12_FDD_FreqTblYM_Hz_u12p4[0][2] 128 12_FDD_FreqTblYM_Hz_u12p4[0][3] 144 12_FDD_FreqTblYM_Hz_u12p4[0][4] 160	, , , , , , , , , , , , , , , , , , , ,	
12_FDD_FreqTblYM_Hz_u12p4[0][2] 128 12_FDD_FreqTblYM_Hz_u12p4[0][3] 144 12_FDD_FreqTblYM_Hz_u12p4[0][4] 160		
t2_FDD_FreqTblYM_Hz_u12p4[0][3] 144 160		
t2_FDD_FreqTblYM_Hz_u12p4[0][4] 160		144
	, , , , , , , , , , , , , , , , , , , ,	
=	2_FDD_FreqTblYM_Hz_u12p4[0][5]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][6] 192		
t2_FDD_FreqTblYM_Hz_u12p4[0][7] 208		
12_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		

FrqDepDmpnInrtCmp_Per1

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	MACILAU
Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	224
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152 1280
t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[10]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	12698
t DmpADDCoefX_MtrNm_u4p12[1]	13107
t_DmpADDCoefX_MtrNm_u4p12[2]	13517
t_DmpADDCoefX_MtrNm_u4p12[3]	13926
t_DmpADDCoefX_MtrNm_u4p12[4]	14336
t_DmpADDCoefX_MtrNm_u4p12[5]	14746
t_DmpADDCoefX_MtrNm_u4p12[6]	15155
t_DmpADDCoefX_MtrNm_u4p12[7]	15565
t_DmpADDCoefX_MtrNm_u4p12[8]	15974
t_DmpADDCoefX_MtrNm_u4p12[9]	16384
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	3277
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBIndY_Uls_u2p14[2] t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554 8192
t_DmpFiltKpWlRBIndY_Uls_u2p14[4]	9830
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342
t FDD ADDStaticTblY MtrNmpRadpS_um1p17[t]	683
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	1705
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	2046
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	2387
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	2728
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1920
FDD AV TINALII O OFOI	
t_FDD_AttenTblY_Uls_u8p8[0]	237
t_FDD_AttenTblY_Uls_u8p8[1]	239
t_FDD_AttenTbiY_Uls_u8p8[1] t_FDD_BlendTbiY_Uls_u8p8[0]	239 20
t_FDD_AttenTblY_Uls_u8p8[1] t_FDD_BlendTblY_Uls_u8p8[0] t_FDD_BlendTblY_Uls_u8p8[1]	239 20 23
t_FDD_AttenTblY_Uls_u8p8[1] t_FDD_BlendTblY_Uls_u8p8[0] t_FDD_BlendTblY_Uls_u8p8[1] t_FDD_BlendTblY_Uls_u8p8[2]	239 20 23 26
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]	239 20 23 26 28
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]	239 20 23 26 28 31
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]	239 20 23 26 28 31 33
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]	239 20 23 26 28 31 33 36
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[6]	239 20 23 26 28 31 33 36 38
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]	239 20 23 26 28 31 33 36

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	46		
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	282		
t InrtCmp ScaleFactorTblY Uls u9p7[7]	294		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	346		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[0]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93		
t_InrtCmp_TBatVel_ScaleFactorTblY_Uls_u9p7[2]	95		
t_InrtCmp_TBatVel_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]	105 106		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]			
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1536		
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	-2.5		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC	mc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist0	Cmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe	L_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp	SI tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	npSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr	In tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_F	wt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA	Accel_KphpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee	d_l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm	DBI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	npBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
ProPossiCoin IIIo M 622	45074 4000	45074 40004 + 0.0005	

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	45674.1992	45674.19984 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	57899.4453	57899.44082 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	-176.861588	-176.8615543 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-48.5	-48.5 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-3.06451631	-3.064516129 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-2.39147186	-2.391419355 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-2.5	-2.5 ± 0.00048828125	✓





Т				✓
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)	
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(Signa	IPath_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	1087
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1793
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034
t2_FDD_ADDRollingTblYM_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_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1585
t2_FDD_ADDRollingTbIYM_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_rreqTblYM_Hz_u12p4[0][3]	384
12_FDD_FreqTblYM_Hz_u12p4[0][3] 12_FDD_FreqTblYM_Hz_u12p4[0][4]	400
tz_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][5]	416
tz_FDD_FreqTblYM_Hz_u12p4[0][6]	432
	448
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	464
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	480
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	
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	
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]	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]	16794	
_DmpADDCoefX_MtrNm_u4p12[1]	17203	
_DmpADDCoefX_MtrNm_u4p12[2]	17613	
_DmpADDCoefX_MtrNm_u4p12[3]	18022	
_DmpADDCoefX_MtrNm_u4p12[4]	18432	
_DmpADDCoefX_MtrNm_u4p12[5]	18842	
_DmpADDCoefX_MtrNm_u4p12[6]	19251	
_DmpADDCoefX_MtrNm_u4p12[7]	19661	
_DmpADDCoefX_MtrNm_u4p12[8]	20070	
_DmpADDCoefX_MtrNm_u4p12[9]	20480	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424	
_DmpDecelGainSlewY_UlspS_u13p3[0]	680	
_DmpDecelGainSlewY_UlspS_u13p3[1]	688	
_DmpDecelGainSlewY_UlspS_u13p3[2]	696	
_DmpDecelGainSlewY_UlspS_u13p3[3]	704	
_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_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	2000	
_FDD_AttenTblY_Uls_u8p8[0]	49	
_FDD_AttenTbIY_Uls_u8p8[1]	51	
_FDD_BlendTbIY_Uls_u8p8[0]	49	
_FDD_BlendTblY_Uls_u8p8[1]	51	
_FDD_BlendTbIY_Uls_u8p8[2]	54	
_FDD_BlendTblY_Uls_u8p8[3]	57	
	60	
FDD_BlendTblY_Uls_u8p8[4]		
1 1 1	63	
_FDD_BlendTblY_Uls_u8p8[5]	63 66	
_FDD_BlendTbIY_Uls_u8p8[4] _FDD_BlendTbIY_Uls_u8p8[5] _FDD_BlendTbIY_Uls_u8p8[6] FDD_BlendTbIY_Uls_u8p8[7]	66	
_FDD_BlendTblY_Uls_u8p8[5]		

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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_RIAstWIRBIndTblY_Uls_u2p14[0]	3277	
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	4915	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554	
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690	
t_WIRBIndTblX_MtrNm_u8p8[1]	1715	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741	
t_WIRBIndTblX_MtrNm_u8p8[3]	1766	
t_WIRBIndTblX_MtrNm_u8p8[4]	1792	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	2.2	
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_BaseAssistC		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe	_ =	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp		
Name	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	•
Prev1SclDrvVel_RadpS_M_f32	270.225586	270.2255612 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	163.600006	163.6 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.15384614	1.153846154 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.36523604	1.365250769 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	3.5999999	3.6 ± 0.00048828125	✓



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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 3.25 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	127730.685
Prev1PreAttnComp_MtrNm_M_f32	-6.5
Prev1SclDrvVel_RadpS_M_f32	-90.23
Prev2PreAttnComp_MtrNm_M_f32	-8.1
Prev2SclDrvVel_RadpS_M_f32	-120.1
PrevTbarAng_HwDeg_M_f32	-0.554
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(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	4.5
TbarVelFiltSv_M_str.K_Uls_f32	0.1258
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.02
k_CmnTbarStiff_NmpDeg_f32	2.7
k_DmpDecelGainFSlew_UlspS_f32	300.06
k_DmpDecelGain_Uls_f32	3.5
k_DmpGainOffThresh_KphpS_f32	33.2
k_DmpGainOnThresh_KphpS_f32	32.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00035
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_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
	688
t2_FDD_FreqTbIYM_Hz_u12p4[0][2] t2_FDD_FreqTbIYM_Hz_u12p4[0][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][7]	768
tz_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8]	784
	784 800
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	832
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96

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FrqDepDmpnInrtCmp_Per1 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 FregTblYM Hz u12p4[1][6] 176 t2_FDD_FreqTblYM_Hz_u12p4[1][7] 192 t2_FDD_FreqTblYM_Hz_u12p4[1][8] 208 t2_FDD_FreqTblYM_Hz_u12p4[1][9] 224 t2_FDD_FreqTblYM_Hz_u12p4[1][10] 240 t2_FDD_FreqTblYM_Hz_u12p4[1][11] 256 t_CmnVehSpd_Kph_u9p7[0] 6784 t_CmnVehSpd_Kph_u9p7[1] 6912 t_CmnVehSpd_Kph_u9p7[2] 7040 $t_CmnVehSpd_Kph_u9p7[3]$ 7168 7296 t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] 7424 t_CmnVehSpd_Kph_u9p7[6] 7552 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_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 9216 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] $t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]$ 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_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] 494 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 661 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] 827 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 994 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 1160 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 1326 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] 1493 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 1659 t_FDD_AttenTblX_MtrRadpS_u12p4[0] 1920 t_FDD_AttenTblX_MtrRadpS_u12p4[1] 2080 65 t_FDD_AttenTblY_Uls_u8p8[0] t_FDD_AttenTblY_Uls_u8p8[1] 68 t_FDD_BlendTblY_Uls_u8p8[0] 65 t_FDD_BlendTblY_Uls_u8p8[1] 68 t FDD BlendTblY Uls u8p8[2] 70 t_FDD_BlendTbIY_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_BlendTbIY_Uls_u8p8[7] 83

86

88

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]	91			
t FDD BlendTblY Uls u8p8[11]	93			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38			
t InrtCmp ScaleFactorTblY Uls u9p7[3]	51			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	24			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	26			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	29			
t_RIAstWIRBIndTblY_Uls_u2p14[0]	4915			
t_RIAstWIRBIndTblY_Uls_u2p14[1]	6554			
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192			
t_RIAstWIRBIndTblY_Uls_u2p14[3]	9830			
t_RIAstWIRBIndTblY_Uls_u2p14[4]	11469			
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894			
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920			
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946			
t_WIRBIndTbIX_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			
$tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio$	-3.2			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmodel{eq:local_prop} \\$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC	md_MtrNm_f32		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Fr$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_MtrRadpS_f32		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Freq$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmp	pSrlComSvcDft_Cnt_lgc		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpr	nInrtCmp_MtrNm_f32		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwMax = 0.0000000000000000000000000000000000$	Hwi tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccession (Compared to the Compared to th$	nAcce tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Rte_Inst$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee	d_Kph_f32		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlackers$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32		
Name	Actual Value	Expected Value	Result	
PreDecelGain_Uls_M_f32	127730.086	127730.0849 ± 0.0625	~	
Prev1PreAttnComp_MtrNm_M_f32	44157.7891	44157.78752 ± 0.09	~	

8	. 0 - 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	✓
Prev1SclDrvVel_RadpS_M_f32	-224.675308	-224.6753087 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-90.2300034	-90.23 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.555555522	-0.555555556 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	3.83605886	3.836055556 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-3.20000005	-3.2 ± 0.00048828125	✓



T				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 3.26 (Repeat Count = 1)	√
	Input Value
PreDecelGain_Uls_M_f32	127832.66
	7.5
Prev1SclDrvVel_RadpS_M_f32	-1100.2
·	8.1
Prev2SclDrvVel_RadpS_M_f32	-36.2
	0.8
0- 0	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5
	0.2365
	53.12
	3.1
	200.02
	3.9
·	
k_DmpGainOffThresh_KphpS_f32	15.2
- , , -	40.2 0.00036
	0.89
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
	2814
	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
	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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
	2093
	2240
0 1 1 _ 1 1 1 1 1	2387
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1344
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	1376
	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
, , , , , ,	1472
t2_FDD_FreqTbIYM_Hz_u12p4[1][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	112

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Name	Input Value	
name t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128	
12_FDD_FreqTbIYM_Hz_u12p4[1][3]	144	
12_FDD_FreqTblYM_Hz_u12p4[1][4]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	176	
	192	
2_FDD_FreqTblYM_Hz_u12p4[1][6]		
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	
_DmpADDCoefX_MtrNm_u4p12[0]	24986	
_DmpADDCoefX_MtrNm_u4p12[1]	25395	
_DmpADDCoefX_MtrNm_u4p12[2]	25805	
	26214	
_DmpADDCoefX_MtrNm_u4p12[4]	26624	
_DmpADDCoefX_MtrNm_u4p12[5]	27034	
	27443	
bnpADDCoefX_MtrNm_u4p12[7]	27853	
mpADDCoefX_MtrNm_u4p12[8]	28262	
_DmpADDCoefX_MtrNm_u4p12[9]	28672	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32384	
:_DmpDecelGainGlewX_MtrRadpS_u11p5[3]	32416	
:_DmpDecelGainGlewX_MtrRadpS_u11p5[4]	32448	
t_DmpDecelGainGlewX_MtrRadpS_u11p5[5]	32480	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1480	
	1488	
:_DmpDecelGainSlewY_UlspS_u13p3[1]		
:_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	1608	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	2032	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	2455	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2878	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3302	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3725	
:_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	4148	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	2080	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	2160	
_FDD_AttenTblY_Uls_u8p8[0]	93	
_FDD_AttenTblY_Uls_u8p8[1]	96	
_FDD_BlendTblY_Uls_u8p8[0]	93	
_FDD_BlendTblY_Uls_u8p8[1]	96	
:_FDD_BlendTblY_Uls_u8p8[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	
t_FDD_BlendTblY_Uls_u8p8[7]	111	
t_FDD_BlendTblY_Uls_u8p8[8]	114	
t_FDD_BlendTbIY_Uls_u8p8[9]	116	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	119		
t_FDD_BlendTblY_Uls_u8p8[11]	122		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
	141		
t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[9] t InrtCmp_ScaleFactorTbIY_UIs_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	42		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	45		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	3.3		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	550.2		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	2.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-50		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	280.02		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.2		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	4.4		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCr		tCmd MtrNm f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn			
tgt_Rte_inst_Ap_riqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_FrqDepDmpnInrtCmp Per1 HwTorque H			
	0= 1 1 1 1= = 1	= =	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed		•	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp		1	1_
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	~

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127832.258	127832.26 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-2236951.25	-2236951.286 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	488.806824	488.8068117 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	7.5	7.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-1100.19995	-1100.2 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451613 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-2.67284751	-2.672846774 ± 0.00390625	~
tot FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	4.4000001	4.4 ± 0.00048828125	✓

FrqDepDmpnInrtCmp_Per1

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	MACILIA
Input Value	
368	
384	
400	
416	
432	
448	
464	
480	
496	
512	
1240	
1248	
1638	
3277	
4915	
6554	
8192	
1789	
2130	
2471	
2811	
3152	
3493	
3834	
4175	
4515	
4856	
1680	
2240	
116	
118	
116	
118	
121	
123	
126	
126 129	
126 129 131	
126 129	
	368 384 400 416 432 448 464 480 496 512 2560 3840 5120 6400 7680 8960 10240 11520 12800 14080 15360 16640 28262 28672 29082 29491 29901 30310 30720 31130 31539 31949 30592 30624 30656 30688 30720 30752 1208 1216 1224 1232 1240 1248 1638 3277 4915 6554 8192 1789 2130 22471 2811 3152 3493 3834 4175 4515 4856 1680 2240 116 118

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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_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192	8192	
t_RIAstWIRBIndTblY_Uls_u2p14[1]	9830	9830	
t_RIAstWIRBIndTblY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1075		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101		
t_WIRBIndTbIX_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_FltInjection_SCom_FltInjectio	-4.6		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssis	tCmc tgt_FrqDepDmpnInrtCmp_Per1	_BaseAssistCmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepD	mpSi tgt_FrqDepDmpnInrtCmp_Per1	_FreqDepDmpSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque	. 0= 1 1 1 1=	_ , , , , ,	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLor	_ 0 = 1 1 1 1 1 =	_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSp		· ·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdA		WIRCmdAmpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
PreDecelGain Uls M f32	127934.031	127934.0349 ± 0.0625	Result
Providence Atta Comp. Marking M. 622	445402.740	127 934.0349 ± 0.0023	

tg_rttc_mst_rp_rtqbopbmpmmtomp.rtqbopbmpmmtomp_rert_vmtoma/m	npb tgt_r rqbopbmpmmtomp_	r or _vvirtoma impona_viii vii_ioz	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127934.031	127934.0349 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	415103.719	415103.7843 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-164.116653	-164.1166652 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-7.5	-7.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	250.050003	250.05 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.520833313	-0.520833333 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	1.58375692	1.583755 ± 0.00390625	✓
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-4.5999999	-4.6 ± 0.00048828125	✓



Т				✓
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 3.28 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	128036.61
Prev1PreAttnComp_MtrNm_M_f32	8.5
Prev1ScIDrvVel_RadpS_M_f32	5000.03
Prev2PreAttnComp_MtrNm_M_f32	7.7
Prev2SclDrvVel_RadpS_M_f32	-38.3
PrevTbarAng_HwDeg_M_f32	0.66
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath)	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	-5.5
TbarVelFiltSv_M_str.K_Uls_f32	0.47856
k_CmnSysKinRatio_MtrDegpHwDeg_f32	46.32
k_CmnTbarStiff_NmpDeg_f32	5.2
k_DmpDecelGainFSlew_UlspS_f32	100.05
k_DmpDecelGain_Uls_f32	4.8
k_DmpGainOffThresh_KphpS_f32	25.3
k_DmpGainOnThresh_KphpS_f32	4.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00038
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3252
t2_FDD_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
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_reqTblYM_Hz_u12p4[0][9]	320
t2_FDD_reqTblYM_Hz_u12p4[0][10]	336
t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11]	352
t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	672
re_i DD_i icq ibi i ivi_iiz_u izp4[i][i]	UI L

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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	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	736	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	752	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	784	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	800	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	816	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	832	
_CmnVehSpd_Kph_u9p7[0]	12800	
_CmnVehSpd_Kph_u9p7[1]	12928	
_CmnVehSpd_Kph_u9p7[2]	13056	
_CmnVehSpd_Kph_u9p7[3]	13184	
_CmnVehSpd_Kph_u9p7[4]	13312	
_CmnVehSpd_Kph_u9p7[5]	13440	
_CmnVehSpd_Kph_u9p7[6]	13568	
_CmnVehSpd_Kph_u9p7[7]	13696	
_CmnVehSpd_Kph_u9p7[8]	13824	
_CmnVehSpd_Kph_u9p7[9]	13952	
_CmnVehSpd_Kph_u9p7[10]	14080	
_CmnVehSpd_Kph_u9p7[11]	14208	
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
_DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3] _DmpADDCoefX_MtrNm_u4p12[4]	5734 6144	
_DmpADDCoetX_MtrNm_u4p12[4] _DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCcetX_MtrNm_u4p12[6]	6963	
_DmpADDCcetX_MtrNm_u4p12[7]	7373	
_DmpADDCcetX_MtrNm_u4p12[8]	7782	
_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
	3968	
mpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
mpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
	1480	
	1488	
:_DmpDecelGainSlewY_UlspS_u13p3[2]	1496	
:_DmpDecelGainSlewY_UlspS_u13p3[3]	1504	
	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]	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]	1648	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	2320	
_FDD_AttenTblY_Uls_u8p8[0]	144	
_FDD_AttenTblY_Uls_u8p8[1]	146	
_FDD_BlendTbIY_Uls_u8p8[0]	144	
_FDD_BlendTbIY_Uls_u8p8[1]	146	
_FDD_BlendTblY_Uls_u8p8[2]	149	
_FDD_BlendTblY_Uls_u8p8[3]	152	
_FDD_BlendTblY_Uls_u8p8[4]	154	
:_FDD_BlendTblY_Uls_u8p8[5]	157	
:_FDD_BlendTblY_Uls_u8p8[6]	159	
_FDD_BlendTblY_Uls_u8p8[7]	162	
t_FDD_BlendTbIY_UIs_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_RIAstWIRBIndTblY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1306		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1331		
t_WIRBIndTblX_MtrNm_u8p8[2]	1357		
t_WIRBINdTblX_MtrNm_u8p8[3]	1382		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
	4.4		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value			
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	of Oresida Milablasa (OO	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCl			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe		·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H	0	= = =	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAr	0= 1 1 1 1= =		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			
Name	Actual Value	Expected Value	Result
PreDecelGain IIIs M f32	128036 406	128036 4099 + 0 0625	

8	. 0 = 1	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128036.406	128036.4099 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	34435492	34435493.31 ± 99.9	✓
Prev1SclDrvVel_RadpS_M_f32	130.127335	130.127343 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	8.5	8.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	5000.02979	5000.03 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	0.673076928	0.673076923 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0.261120796	0.261126154 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	5.5	5.5 ± 0.00048828125	✓



Т				✓
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 3.29 (Repeat Count = 1)	
Name	Input Value
PreDecelGain Uls M f32	128138.585
Prev1PreAttnComp_MtrNm_M_f32	-8.5
Prev1SclDrvVel_RadpS_M_f32	-26.3
Prev2PreAttnComp_MtrNm_M_f32	-6.6
Prev2ScIDrvVel_RadpS_M_f32	175.2
PrevTbarAng_HwDeg_M_f32	-0.51
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalP	Path_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio
Rte Inst Ap FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.1
TbarVelFiltSv_M_str.K_Uls_f32	0.58963
k_CmnSysKinRatio_MtrDegpHwDeg_f32	28.12
k_CmnTbarStiff_NmpDeg_f32	6.8
k_DmpDecelGainFSlew_UlspS_f32	200.02
k_DmpDecelGain_Uls_f32	5.9
k_DmpGainOffThresh_KphpS_f32	30.2
k_DmpGainOnThresh_KphpS_f32	8.3
k_InrtCmp_MtrInertia_KgmSq_f32	0.00039
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTbIYM_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][7]	4995
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	5419
t2_FDD_ADDK0iiiiig1bi11iii_muiNiiipkaaps_ui11ff17[1][9] t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528 544
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	560
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	640
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1296
t2_FDD_FreqTbIYM_Hz_u12p4[1][1]	1312

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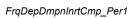
Input Value 1328 1344 1360 1376 1392
1344 1360 1376 1392
1360 1376 1392
1376 1392
1392
1408
1424
1440
1456
1472
15488
15616
15744
15872
16000
16128
16256
16384
16512
16640
16768
16896
8602
9011
9421
9830
10240
10650
11059
11469
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12288
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4224 4256
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11469
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2400
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187 189

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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_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistation and the property of the property of$	Cmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist0	Cmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor \\$	/el_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDrepDmpnInrtCmp_Per1_FreqDepDrepDrepDmpnInrtCmp_Per1_FreqDepDrepDrepDmpnInrtCmp_Per1_FreqDepDrepDrepDmpnInrtCmp_Per1_FreqDepDrepDrepDrepDmpnInrtCmp_Per1_FreqDepDrepDrepDmpnInrtCmp_Per1_FreqDepDrepDrepDrepDrepDrepDrepDrepDrepDrepD$	npSi tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	npSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp$	pnIn tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Inst_RepUppDmpnInrtCmp_Inst_RepUppDmpnInrtCmp_Inst_RepUppDmpnInrtCmp_Inst_RepUppDmpnInrtCmp_Inst_RepUppDmpnInrtCmp_Inst_RepUppDmpnInrtCmp_Inst_RepUpDmpnInrtCmp_Inst_RepUppDmpnInrtCmp_Inst_RepUpDmpnInrtC$	Hwl tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonderschafte.$	Acce tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/	Accel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSperite and the property of $	ed_l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAr	mpBl tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
PreDecelGain_Uls_M_f32	128138.188	128138.185 ± 0.0625	
Prev1PreAttnComp_MtrNm_M_f32	-420468.938	-420469.0063 ± 0.9	
		T	

<u> </u>	. 0 = 1 1 1 1 - 1 = -	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128138.188	128138.185 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-420468.938	-420469.0063 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-64.6186523	-64.61864443 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-26.2999992	-26.3 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-0.514705896	-0.514705882 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.11588478	1.115892294 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-5.5999999	-5.6 ± 0.00048828125	✓





T				✓
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)	
Name	Input Value
PreDecelGain_Uls_M_f32	128240.56
Prev1PreAttnComp_MtrNm_M_f32	1.3
Prev1SclDrvVel_RadpS_M_f32	18.2
Prev2PreAttnComp_MtrNm_M_f32	6.6
Prev2SclDrvVel_RadpS_M_f32	-120.8
PrevTbarAng_HwDeg_M_f32	20
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(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	-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_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 ADDRollingTbIYM MtrNmpRadpS um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	832
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	848
t2_FDDreqTblYM_Hz_u12p4[0][2]	864
t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4]	880
t2_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][5]	896
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	912
t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][7]	928
, , , , , , , , , , , , , , , , , , , ,	944
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	960
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	976
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	992
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152

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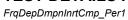
Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232	
12_FDD_FreqTbIYM_Hz_u12p4[1][7]	1248	
12_FDD_FreqTbIYM_Hz_u12p4[1][8]	1264	
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312	
t_CmnVehSpd_Kph_u9p7[0]	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	
:_CmnVehSpd_Kph_u9p7[5]	11008	
:_CmnVehSpd_Kph_u9p7[6]	11136	
:_CmnVehSpd_Kph_u9p7[7]	11264	
_CmnVehSpd_Kph_u9p7[8]	11392	
CmnVehSpd_Kph_u9p7[9]	11520	
:_CmnVehSpd_Kph_u9p7[10]	11648	
:_CmnVehSpd_Kph_u9p7[11]	11776	
t_DmpADDCoefX_MtrNm_u4p12[0]	12698	
t_DmpADDCoefX_MtrNm_u4p12[1]	13107	
:_DmpADDCoefX_MtrNm_u4p12[2]	13517	
_DmpADDCoefX_MtrNm_u4p12[3]	13926	
_DmpADDCoefX_MtrNm_u4p12[4]	14336	
:_DmpADDCoefX_MtrNm_u4p12[5]	14746	
_DmpADDCoefX_MtrNm_u4p12[6]	15155	
_DmpADDCoefX_MtrNm_u4p12[7]	15565	
_DmpADDCoefX_MtrNm_u4p12[8]	15974	
_DmpADDCoefX_MtrNm_u4p12[9]	16384	
	5792	
	5824	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208	
t_DmpDecelGainGlewY_UlspS_u13p3[1]	1216	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232	
	1232	
:_DmpDecelGainSlewY_UlspS_u13p3[4]		
:_DmpDecelGainSlewY_UlspS_u13p3[5]	1248	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554	
:_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192	
:_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	494	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	661	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	994	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1160	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	1493	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1648	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	2480	
_FDD_AttenTblY_Uls_u8p8[0]	218	
_FDD_AttenTblY_Uls_u8p8[1]	220	
_FDD_BlendTblY_Uls_u8p8[0]	218	
_FDD_BlendTblY_Uls_u8p8[1]	220	
_FDD_BlendTblY_Uls_u8p8[2]	223	
_FDD_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_BlendTbIY_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_RIAstWIRBIndTblY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t_WIRBIndTbIX_MtrNm_u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	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_Fer1_nwTorque_nwNm_i3z.value tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.03		
tgt_FrqDepDmpnInrtCmp_Fer1_VehicleSpeed_Kph_f32.value	325.02		
tgt_FrqDepDmpnInrtCmp_Fer1_VerilicleSpeed_Rpri_isz.value tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.3		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FttInjection_SCom_FttInjectio	6.8		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCn		stCmd MtrNm f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_CRFwiotorver		·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn	0= 1 1 1 1= = 1 1		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_Hw10ique_Art			
	0= 1 1 1 1= =		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp		•	
Name	Actual Value	Expected Value	Result

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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	✓





Т				✓
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)	
Name	Input Value
PreDecelGain_Uls_M_f32	45678
Prev1PreAttnComp_MtrNm_M_f32	-4.5
Prev1SclDrvVel_RadpS_M_f32	-48.5
Prev2PreAttnComp_MtrNm_M_f32	-1.1
Prev2SclDrvVel_RadpS_M_f32	-380.2
PrevTbarAng_HwDeg_M_f32	-3.06
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalF	Path_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-2.5
TbarVelFiltSv_M_str.K_Uls_f32	0.4488
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.25
k_CmnTbarStiff_NmpDeg_f32	3.1
k_DmpDecelGainFSlew_UlspS_f32	1900.08
k_DmpDecelGain_Uls_f32	2.6
k_DmpGainOffThresh_KphpS_f32	22.5
k_DmpGainOnThresh_KphpS_f32	16.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	5159
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160
t2_FDD_reqTblYM_Hz_u12p4[0][4]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	192
t2_FDD_FreqTbIYM_Hz_u12p4[0][0] t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	208
12_FDD_F1eqTbIYM_Hz_u12p4[0][7] 12_FDD_FreqTbIYM_Hz_u12p4[0][8]	224
t2_FDD_FreqTbIYM_Hz_u12p4[0][0] t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	240
tz_FDD_FreqTbIYM_Hz_u12p4[0][9] t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	256
	272
t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0]	48
	64
12_FDD_FreqTbIYM_Hz_u12p4[1][1]	UH

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FrqDepDmpnInrtCmp_Per1 Input Value t2_FDD_FreqTblYM_Hz_u12p4[1][2] 80 t2_FDD_FreqTblYM_Hz_u12p4[1][3] 96 t2 FDD FreqTblYM Hz u12p4[1][4] 112 t2_FDD_FreqTblYM_Hz_u12p4[1][5] 128 t2 FDD FregTblYM Hz u12p4[1][6] 144 t2_FDD_FreqTblYM_Hz_u12p4[1][7] 160 t2_FDD_FreqTblYM_Hz_u12p4[1][8] 176 t2_FDD_FreqTblYM_Hz_u12p4[1][9] 192 t2_FDD_FreqTblYM_Hz_u12p4[1][10] 208 t2_FDD_FreqTblYM_Hz_u12p4[1][11] 224 t_CmnVehSpd_Kph_u9p7[0] 128 t_CmnVehSpd_Kph_u9p7[1] 256 t_CmnVehSpd_Kph_u9p7[2] 384 $t_CmnVehSpd_Kph_u9p7[3]$ 512 t_CmnVehSpd_Kph_u9p7[4] 640 t_CmnVehSpd_Kph_u9p7[5] 768 t_CmnVehSpd_Kph_u9p7[6] 896 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] 30592 t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] 30624 t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] 30656 30688 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] $t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]$ 30720 t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] 30752 t_DmpDecelGainSlewY_UlspS_u13p3[0] 448 t_DmpDecelGainSlewY_UlspS_u13p3[1] 456 t_DmpDecelGainSlewY_UlspS_u13p3[2] 464 t_DmpDecelGainSlewY_UlspS_u13p3[3] 472 t_DmpDecelGainSlewY_UlspS_u13p3[4] 480 t_DmpDecelGainSlewY_UlspS_u13p3[5] 488 $t_DmpFiltKpWIRBIndY_Uls_u2p14[0]$ 3277 t_DmpFiltKpWIRBIndY_Uls_u2p14[1] 4915 t_DmpFiltKpWIRBIndY_Uls_u2p14[2] 6554 t_DmpFiltKpWIRBIndY_Uls_u2p14[3] 8192 t DmpFiltKpWIRBIndY Uls u2p14[4] 9830 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] 342 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 683 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] 1024 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 1364 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] 1705 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 2046 t_FDD_ADDStaticTbIY_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 t_FDD_AttenTblX_MtrRadpS_u12p4[0] 1760 t_FDD_AttenTblX_MtrRadpS_u12p4[1] 1920 237 t_FDD_AttenTblY_Uls_u8p8[0] t_FDD_AttenTblY_Uls_u8p8[1] 239 t_FDD_BlendTblY_Uls_u8p8[0] 20 t_FDD_BlendTblY_Uls_u8p8[1] 23 26 t FDD BlendTblY Uls u8p8[2] t_FDD_BlendTbIY_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

41

44

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]	46		
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	294		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	346		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
t InrtCmp TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	102		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105 106		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]			
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1536		
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_BaseAssist0	cmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCm	nd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_	_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSi tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	SrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nIn tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI	nrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_I	Hwi tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_Hw	vNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA	ccc tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	cel_KphpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm		Blnd_MtrNm_f32	
Name		Expected Value	Resu
ProPossiCoin IIIa M 600		15074 40004 + 0 0005	ittodu

	h .3		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	45674.1992	45674.19984 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	57899.4453	57899.44082 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	-176.861588	-176.8615543 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-48.5	-48.5 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-3.06451631	-3.064516129 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-2.39147186	-2.391419355 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-8.80000019	-8.8 ± 0.00048828125	✓



T 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 3.32 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
PreDecelGain_Uls_M_f32	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
к_DripGalilOrTrilesti_купро_is2 k_InrtCmp_MtrInertia_KgmSq_f32	0.00034
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDROllingTbIYM_MitrNmpRadpS_um1p17[0][1]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	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][0]	1793
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144
	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475 1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	336
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	352
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	368
t2_FDD_FreqTblYM_Hz_u12p4[0][2] 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]	432 448
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	448 464
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	512 64
t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80
K LDD LIGHTUITY HE UIZDALIII	00

FrqDepDmpnInrtCmp_Per1

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	(10 10 10 10 10 10 10 10 10 10 10 10 10
Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	16794
t DmpADDCoefX MtrNm u4p12[1]	17203
t_DmpADDCoefX_MtrNm_u4p12[1]	17613
t_DmpADDCoefX_MtrNm_u4p12[3]	18022
t_DmpADDCoefX_MtrNm_u4p12[4]	18432
t_DmpADDCoefX_MtrNm_u4p12[5]	18842
t_DmpADDCoefX_MtrNm_u4p12[6]	19251
t_DmpADDCoefX_MtrNm_u4p12[7]	19661
t_DmpADDCoefX_MtrNm_u4p12[8]	20070
t_DmpADDCoefX_MtrNm_u4p12[9]	20480
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27328
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424
t_DmpDecelGainSlewY_UlspS_u13p3[0]	680
t_DmpDecelGainSlewY_UlspS_u13p3[1]	688
t_DmpDecelGainSlewY_UlspS_u13p3[1]	696
t_DmpDecelGainSlewY_UlspS_u13p3[2]	704
t DmpDecelGainSlewY UlspS u13p3[4]	712
t_DmpDecelGainSlewY_UlspS_u13p3[4]	720
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	11469
	13107
t_DmpFiltKpWlRBIndY_Uls_u2p14[3] t_DmpFiltKpWlRBIndY_Uls_u2p14[4]	14746
t_DMpFiltKpWiRBindY_Dis_uzp14[4] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	14/46
	328
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494
	661
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] t FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827
	994
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2000
t_FDD_AttenTblY_Uls_u8p8[0]	49
t_FDD_AttenTblY_Uls_u8p8[1]	51
t_FDD_BlendTblY_Uls_u8p8[0]	49
t_FDD_BlendTblY_Uls_u8p8[1]	51
t_FDD_BlendTblY_Uls_u8p8[2]	54
t_FDD_BlendTblY_Uls_u8p8[3]	57
t_FDD_BlendTblY_Uls_u8p8[4]	60
t_FDD_BlendTblY_Uls_u8p8[5]	63
t_FDD_BlendTblY_Uls_u8p8[6]	66
t_FDD_BlendTblY_Uls_u8p8[7]	68
t_FDD_BlendTblY_Uls_u8p8[8]	71
t_FDD_BlendTblY_Uls_u8p8[9]	74

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	77		
t_FDD_BlendTblY_Uls_u8p8[11]	80		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	3277		
t_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]	1690		
t_WIRBINdTblX_MtrNm_u8p8[1]	1715		
· · · ·	1741		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1766		
t_WIRBIndTblX_MtrNm_u8p8[3]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2.2		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	450.25		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value			
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	8.8	Con al Markhan 622	
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	0= 1 1 1 1= = 1 =	=	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc			
tat_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed		•	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp	0-1111	<u>.</u>	
Name	Actual Value	Expected Value	Result

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127628.313	127628.3098 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-25875.293	-25875.2916 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	270.225586	270.2255612 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	163.600006	163.6 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.15384614	1.153846154 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	1.36523604	1.365250769 ± 0.00390625	~
tot FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	8.80000019	8.8 ± 0.00048828125	✓





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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 3.33 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	127730.685
Prev1PreAttnComp_MtrNm_M_f32	-6.5
Prev1SclDrvVel_RadpS_M_f32	-90.23
Prev2PreAttnComp_MtrNm_M_f32	-8.1
Prev2SclDrvVel_RadpS_M_f32	-120.1
PrevTbarAng_HwDeg_M_f32	-0.554
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(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	4.5
TbarVelFiltSv_M_str.K_Uls_f32	0.1258
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.02
k_CmnTbarStiff_NmpDeg_f32	2.7
k_DmpDecelGainFSlew_UlspS_f32	300.06
k_DmpDecelGain_Uls_f32	3.5
k_DmpGainOffThresh_KphpS_f32	33.2
k_DmpGainOnThresh_KphpS_f32	32.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00035
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1692
t2_FDD_ADDRollingTbIYM_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_reqTblYM_Hz_u12p4[0][9]	800
t2_FDD_reqTblYM_Hz_u12p4[0][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11]	832
t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	96
re_i DD_i icqibi i ivi_iiz_u izp4[i][i]	JU

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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	
	7168	
_CmnVehSpd_Kph_u9p7[3]		
_CmnVehSpd_Kph_u9p7[4]	7296	
_CmnVehSpd_Kph_u9p7[5]	7424	
_CmnVehSpd_Kph_u9p7[6]	7552	
_CmnVehSpd_Kph_u9p7[7]	7680	
_CmnVehSpd_Kph_u9p7[8]	7808	
_CmnVehSpd_Kph_u9p7[9]	7936	
CmnVehSpd_Kph_u9p7[10]	8064	
_CmnVehSpd_Kph_u9p7[11]	8192	
_DmpADDCoefX_MtrNm_u4p12[0]	20890	
_DmpADDCoefX_MtrNm_u4p12[1]	21299	
_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	
DmpFiltKpWIRBIndY_UIs_u2p14[1]	4915	
_DmpFiltKpWIRBIndY_UIs_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_BlendTbIY_UIs_u8p8[4]	75	
·		
_FDD_BlendTblY_Uls_u8p8[5]	78	
FDD_BlendTblY_Uls_u8p8[6]	80	
_FDD_BlendTblY_Uls_u8p8[7]	83 86	
	Xb.	
t_FDD_BlendTbIY_Uls_u8p8[8] t_FDD_BlendTbIY_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[10]	29		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554		
	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]			
t_RIAstWIRBIndTblY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	11469		
t_WIRBIndTblX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTblX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_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_BaseAssistCr	nc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist	Cmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel	_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor\	/el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp	Si tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDr	npSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn	In tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDm	onInrtCmp_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	ce tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon	Accel_KphpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed	_l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp	BI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	npBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
Dra Danal Cain, I IIIa, M. 600	107700 000	107700 0040 + 0 000E	

8	. 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	✓
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	✓



Т				✓
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(Signature)	alPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	-4.2
FbarVelFiltSv_M_str.K_Uls_f32	0.03257
c_CmnSysKinRatio_MtrDegpHwDeg_f32	55.12
CmnTbarStiff_NmpDeg_f32	5.5
c_DmpDecelGainFSlew_UlspS_f32	1200.05
c_DmpDecelGain_Uls_f32	2.5
c_DmpGainOffThresh_KphpS_f32	8.2
_DmpGainOnThresh_KphpS_f32	35.2
_InrtCmp_MtrInertia_KgmSq_f32	0.00013
:_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	342
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	683
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	1705
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	2046
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	328
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	494
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	661
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	827
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1160
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1326
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1493
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	1659
2_FDD_FreqTblYM_Hz_u12p4[0][0]	496
2_FDD_FreqTblYM_Hz_u12p4[0][1]	512
2_FDD_FreqTblYM_Hz_u12p4[0][2]	528
2_FDD_FreqTblYM_Hz_u12p4[0][3]	544
2_FDD_FreqTblYM_Hz_u12p4[0][4]	560
2_FDD_FreqTblYM_Hz_u12p4[0][5]	576
2_FDD_FreqTblYM_Hz_u12p4[0][6]	592
2_FDD_FreqTblYM_Hz_u12p4[0][7]	608
2_FDD_FreqTblYM_Hz_u12p4[0][8]	624
2_FDD_FreqTblYM_Hz_u12p4[0][9]	640
2_FDD_FreqTblYM_Hz_u12p4[0][10]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672
2_FDD_FreqTblYM_Hz_u12p4[1][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	112

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Name	Input Value		
t_FDD_BlendTbIY_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]	102		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	105		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	106		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554		
,	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]			
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
t_WIRBIndTblX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTblX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_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_BaseAssistC	mc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist	Cmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe	I_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor\	/el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp	Si tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDr	npSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr	In tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDm	pnInrtCmp_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_VehicleLonAr	cce tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon	Accel_KphpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed	d_l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp	B tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	mpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resu
Dro Donal Cain I II a M 422	120012 000	120012 01 - 0.0025	

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126812.906	126812.91 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	267220.719	267220.7121 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	96.8688278	96.86883293 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981	-7.7 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-28.5	-28.5 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.14545453	1.145454545 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-4.05580378	-4.055803727 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	7.30000019	7.3 ± 0.00048828125	✓





Т				✓
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 3.35 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126914.885
Prev1PreAttnComp_MtrNm_M_f32	1.5
Prev1ScIDrvVel_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(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	4.3
TbarVelFiltSv_M_str.K_Uls_f32	0.096321
k_CmnSysKinRatio_MtrDegpHwDeg_f32	66.13
k_CmnTbarStiff_NmpDeg_f32	6.5
k_DmpDecelGainFSlew_UlspS_f32	1300.06
k_DmpDecelGain_Uls_f32	5.6
k_DmpGainOffThresh_KphpS_f32	12.2
k_DmpGainOnThresh_KphpS_f32	40.1
k_InrtCmp_MtrInertia_KgmSq_f32	0.00014
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTbIYM_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][7]	1493
t2_FDD_ADDROllingTbIYM_wittNinpRadpS_um1p17[1][6] t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	1659
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152
	1168
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184 1200
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672

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Name	Input Value	
2_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	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	752	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768	
12_FDD_FreqTblYM_Hz_u12p4[1][8]	784	
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	816	
2_FDD_FreqTbIYM_Hz_u12p4[1][11]	832	
:_CmnVehSpd_Kph_u9p7[0]	2560	
:_CmnVehSpd_Kph_u9p7[1]	3840	
:_CmnVehSpd_Kph_u9p7[2]	5120	
	6400	
_CmnVehSpd_Kph_u9p7[3]		
:_CmnVehSpd_Kph_u9p7[4]	7680	
_CmnVehSpd_Kph_u9p7[5]	8960	
_CmnVehSpd_Kph_u9p7[6]	10240	
_CmnVehSpd_Kph_u9p7[7]	11520	
_CmnVehSpd_Kph_u9p7[8]	12800	
_CmnVehSpd_Kph_u9p7[9]	14080	
_CmnVehSpd_Kph_u9p7[10]	15360	
_CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	16794	
_DmpADDCoefX_MtrNm_u4p12[1]	17203	
_DmpADDCoefX_MtrNm_u4p12[2]	17613	
_DmpADDCoefX_MtrNm_u4p12[3]	18022	
_DmpADDCoefX_MtrNm_u4p12[4]	18432	
_DmpADDCoefX_MtrNm_u4p12[5]	18842	
_DmpADDCoefX_MtrNm_u4p12[6]	19251	
_DmpADDCoefX_MtrNm_u4p12[7]	19661	
_DmpADDCoefX_MtrNm_u4p12[8]	20070	
_DmpADDCoefX_MtrNm_u4p12[9]	20480	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	11680	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	11712	
	11744	
	11776	
	11808	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	11840	
mpDecelGainSlewY_UlspS_u13p3[0]	1608	
:_DmpDecelGainSlewY_UlspS_u13p3[1]	1616	
:_DmpDecelGainSlewY_UlspS_u13p3[2]	1624	
:_DmpDecelGainSlewY_UlspS_u13p3[3]	1632	
: DmpDecelGainSlewY UlspS_u13p3[4]	1640	
DmpDecelGainSlewY_UlspS_u13p3[4]	1648	
_DmpFiltKpWIRBIndY_UIs_u2p14[0]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	1638	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	2030	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3206	
_FDD_ADDStaticTbIY_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	
	8	
_FDD_BlendTblY_Uls_u8p8[2]		
_FDD_BlendTblY_Uls_u8p8[3]	10	
_FDD_BlendTblY_Uls_u8p8[4]	13	
_FDD_BlendTbIY_Uls_u8p8[5]	15	
_FDD_BlendTblY_Uls_u8p8[6]	18	
_FDD_BlendTblY_Uls_u8p8[7]	20	
	00	
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]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTbIX_MtrNm_u8p8[1]	947		
t_WIRBIndTbIX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1024		
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_FrqDepDmpnInrtCmp_Per1_BaseAssistC	Cmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_I	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcco			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_		• •	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB		·	
Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	126912.281	126912.2849 ± 0.0625	✓
Prev1PreAttnComp_MtrNm_M_f32	-756922.563	-756922.4402 ± 0.9	✓

8	. 0 =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126912.281	126912.2849 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-756922.563	-756922.4402 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-79.67099	-79.67099743 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	24.6000004	24.6 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.984615386	-0.984615385 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	3.61537886	3.615379969 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-8.19999981	-8.2 ± 0.00048828125	✓

FrqDepDmpnInrtCmp_Per1

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Actual Function Count Expected Function Count Result $Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached$ $Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached$ ADDCoefCalc 1 IntplVarXY_u16_u16Xu16Y_Cnt 5 IntplVarXY_u16_u16Xu16Y_Cnt 5 DecelGain 1 DecelGain IntplVarXY_u16_u16Xu16Y_Cnt IntplVarXY_u16_u16Xu16Y_Cnt 1 DriverVelCalc 1 DriverVelCalc IntplVarXY_u16_u16Xu16Y_Cnt IntplVarXY_u16_u16Xu16Y_Cnt 1 1 FilterCoefCalc 1 FilterCoefCalc IntplVarXY_u16_u16Xu16Y_Cnt IntplVarXY_u16_u16Xu16Y_Cnt 4 4 GenFddlcCmd 1 GenFddlcCmd IntplVarXY_u16_u16Xu16Y_Cnt IntplVarXY_u16_u16Xu16Y_Cnt 1 $Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection$ 1 $Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection$ Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached $Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached$

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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\4p_FrqDepDmpnInrtCmp\utp\contract\4p_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/I	Description/	Specification

		Te
ıme		

Module 'FDD_Inertia_FLTINJ'

Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13

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: Nextere 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:

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 $\overline{2}$.4111140524 $\overline{0}$ 179 and the s of M L aingion convers -tion L aingion convers -tion.

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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 CRFMotorVel_MtrRadpS_T_f32 = min
TS1.7 CRFMotorVel_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_132 = min
PrevTbarAng_HwDeg_M_132 = max
PrevTbarAng_HwDeg_M_132 = zero
PrevIbarAng_HwDeg_M_132 = neg
PrevIbarAng_HwDeg_M_132 = pos
k_CmnTbarStiff_NmpDeg_132 = min
k_CmnTbarStiff_NmpDeg_132 = 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
TbarVelSileNow_Aut K_spin_a
                                                     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	✓

T				✓
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

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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	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

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

T				✓
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

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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	~

T				V
Actual Function	Count	Expected Function	Coun	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 1.5 (Repeat Count = 1)	🗸
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	200.2
HwTorque_HwNm_T_f32	0
PrevTbarAng_HwDeg_M_f32	0.01
TbarVelFiltSv_M_str.SV_Uls_f32	3.2145
TbarVelFiltSv_M_str.K_Uls_f32	0.35874
VehicleSpeed_Kph_T_f32	300.05
k_CmnSysKinRatio_MtrDegpHwDeg_f32	30.4
k_CmnTbarStiff_NmpDeg_f32	3.4
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7
t_CmnVehSpd_Kph_u9p7[0]	6784
t_CmnVehSpd_Kph_u9p7[1]	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
t_CmnVehSpd_Kph_u9p7[5]	7424
t_CmnVehSpd_Kph_u9p7[6]	7552
t_CmnVehSpd_Kph_u9p7[7]	7680
t_CmnVehSpd_Kph_u9p7[8]	7808
t_CmnVehSpd_Kph_u9p7[9]	7936
t_CmnVehSpd_Kph_u9p7[10]	8064
t_CmnVehSpd_Kph_u9p7[11]	8192
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	5
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	6
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	15
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	17

DriverVelCalc

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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	~
TbarVelFiltSv_M_str.SV_Uls_f32	0.267630339	0.26763027 ± 0.00390625	~

T				
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	-1.22222222 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.08650517	2.086512379 ± 0.00390625	

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	_

Test Step 1.7 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	300.03	
HwTorque_HwNm_T_f32	5.2	
PrevTbarAng_HwDeg_M_f32	0.92987	
TbarVelFiltSv_M_str.SV_Uls_f32	5.8745	
TbarVelFiltSv_M_str.K_Uls_f32	0.58963	
VehicleSpeed_Kph_T_f32	123.07	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	50.6	
k_CmnTbarStiff_NmpDeg_f32	5.6	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5	

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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]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	22		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	150.29483	150.2948274 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	0.928571403	0.928571429 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	2.02786994	2.027880229 ± 0.00390625	~

T				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	✓

DriverVelCalc

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Name	Actual Value	Expected Value	Result
PrevTbarAng_HwDeg_M_f32	0.246153846	0.246153846 ± 0.00390625	✓
Than/olEiltQv M etr QV I lie f32	0.854430130	0.854441186 ± 0.00300625	

T .					
Actual Function	Count	Expected Function	Count	Resu	ılt
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		~

Test Step 1.9 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel MtrRadpS T f32	1118		
HwTorque HwNm T f32	-1.2		
PrevTbarAng HwDeg M f32	-0.15321		
TbarVelFiltSv M str.SV Uls f32	-3.124		
TbarVelFiltSv_M_str.K_Uls_f32	0.014785		
VehicleSpeed_Kph_T_f32	16.25		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	70.1		
k_CmnTbarStiff_NmpDeg_f32	7.8		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	24		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	335.105377	335.1053608 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-0.15384616	-0.153846154 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-3.08251452	-3.082514427 ± 0.00390625	~

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

Test Step 1.10 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	0	
HwTorque_HwNm_T_f32	2.2	
PrevTbarAng_HwDeg_M_f32	0.27	
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5511	
TbarVelFiltSv_M_str.K_Uls_f32	0.025896	
VehicleSpeed_Kph_T_f32	58.63	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	80.2	
k_CmnTbarStiff_NmpDeg_f32	8.1	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2	
t_CmnVehSpd_Kph_u9p7[0]	10368	
t_CmnVehSpd_Kph_u9p7[1]	10496	
t_CmnVehSpd_Kph_u9p7[2]	10624	
t_CmnVehSpd_Kph_u9p7[3]	10752	

DriverVelCalc

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

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

Test Step 1.11 (Repeat Count = 1)			-
Name	Input Value		
CRFMotorVel MtrRadpS T f32	-450		
HwTorque HwNm T f32	-2.7		
PrevTbarAng_HwDeg_M_f32	-0.292		
TbarVelFiltSv_M_str.SV_Uls_f32	-5.7412		
TbarVelFiltSv_M_str.K_Uls_f32	0.03698		
VehicleSpeed_Kph_T_f32	22.51		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	90.5		
k_CmnTbarStiff_NmpDeg_f32	9.2		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-47.2626114	-47.26260964 ± 0.00009	-
PrevTbarAng_HwDeg_M_f32	-0.29347828	-0.293478261 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-5.55622387	-5.556223467 ± 0.00390625	-



T				•
Actual Function	Count	Expected Function	Count	Resul
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	•

T				✓
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	

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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]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-239.688934	-239.6889354 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-1.24000001	-1.24 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.30814433	2.308144935 ± 0.00390625	✓

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

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	699.23		
HwTorque_HwNm_T_f32	4.2		
PrevTbarAng HwDeg M f32	1.191		
TbarVelFiltSv_M_str.SV_Uls_f32	3.2145		
TbarVelFiltSv_M_str.K_Uls_f32	0.03692		
VehicleSpeed_Kph_T_f32	511.9921875		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	33.5		
k_CmnTbarStiff_NmpDeg_f32	3.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.99		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	72		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	74		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	76		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	80		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	85		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	86		
Name	Actual Value	Expected Value	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	

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



Test Step 1.15 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel MtrRadpS T f32	-500.45		
HwTorque HwNm T f32	-4.5		
PrevTbarAng HwDeg M f32	-0.997		
TbarVelFiltSv_M_str.SV_Uls_f32	4.5623		
TbarVelFiltSv_M_str.K_Uls_f32	0.01258		
VehicleSpeed_Kph_T_f32	55.52		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	44.4		
k_CmnTbarStiff_NmpDeg_f32	4.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	89		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	91		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	94		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	97		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-297.880035	-297.8800114 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-1	-1 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	4.4860363	4.486036266 ± 0.00390625	~

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

Test Step 1.16 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	600.63
HwTorque_HwNm_T_f32	-10
PrevTbarAng_HwDeg_M_f32	-20
TbarVelFiltSv_M_str.SV_Uls_f32	5.8745
TbarVelFiltSv_M_str.K_Uls_f32	0.03257
VehicleSpeed_Kph_T_f32	17.17
k_CmnSysKinRatio_MtrDegpHwDeg_f32	55.6
k_CmnTbarStiff_NmpDeg_f32	0.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	109
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	110

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	111		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	113		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	114		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	116		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	117		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	118		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	119		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	121		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	122		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	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	~

Т					
Actual Function	Count	Expected Function	Count	Res	ult
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		~

Test Step 1.17 (Repeat Count = 1)			→
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-600.84		
HwTorque_HwNm_T_f32	10		
PrevTbarAng_HwDeg_M_f32	20		
TbarVelFiltSv_M_str.SV_Uls_f32	-2.369		
TbarVelFiltSv_M_str.K_Uls_f32	0.096321		
VehicleSpeed_Kph_T_f32	27.95		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	66.5		
k_CmnTbarStiff_NmpDeg_f32	0.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
Name	Actual Value	Expected Value	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	

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

Test Step 1.18 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	150.14

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DriverVelCalc

TbarVelFiltSv_M_str.SV_Uls_f32

Name	Input Value		
HwTorque_HwNm_T_f32	0.05		
PrevTbarAng_HwDeg_M_f32	0		
TbarVelFiltSv_M_str.SV_Uls_f32	-3.124		
TbarVelFiltSv_M_str.K_Uls_f32	0.047852		
VehicleSpeed_Kph_T_f32	37.02		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	77.2		
k_CmnTbarStiff_NmpDeg_f32	10		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	17		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	44.9518433	44.95184416 ± 0.00009	
PrevTbarAng_HwDeg_M_f32	0.0049999989	0.005 ± 0.00390625	•
TI V IT 10 M + 0V III 600	0.0540000	0.054000050 + 0.0000005	

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

-2.85488033

-2.854880352 ± 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

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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	~

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

Test Step 1.22 (Repeat Count = 1)	en e
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	0.919999957	0.92 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.74034667	1.74035898 ± 0.00390625	~

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

Test Step 1.23 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-350.36		
HwTorque_HwNm_T_f32	-9.21		
PrevTbarAng_HwDeg_M_f32	-1.841		
TbarVelFiltSv_M_str.SV_Uls_f32	3.2145		
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001		
VehicleSpeed_Kph_T_f32	265.02		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.5		
k_CmnTbarStiff_NmpDeg_f32	5.25		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	24		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-244.585281	-244.585297	~
PrevTbarAng_HwDeg_M_f32	-1.75428569	-1.75428571428571 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	3.80800867	3.80800891	

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	_

Test Step 1.24 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	450.52	
HwTorque_HwNm_T_f32	1.5	
PrevTbarAng_HwDeg_M_f32	1.154	
TbarVelFiltSv_M_str.SV_Uls_f32	4.5623	
TbarVelFiltSv_M_str.K_Uls_f32	0.5599	
VehicleSpeed_Kph_T_f32	187.06	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1	
k_CmnTbarStiff_NmpDeg_f32	1.3	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6	

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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	

T				V
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	~

DriverVelCalc

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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	~

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

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

Τ				✓
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	

DriverVelCalc

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Name	Innut Value		
Name	Input Value		
t_CmnVehSpd_Kph_u9p7[4]	· ·		
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	~

Τ				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	

Test Step 1.28 (Repeat Count = 1) Name	Input Value		
	222.62		
CRFMotorVel_MtrRadpS_T_f32	3.5		
HwTorque_HwNm_T_f32 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	Resul
DriverVelCalc()	43.5075684	43.50756976 ± 0.00009	1.000.
PrevTbarAng HwDeg M f32	0.673076928	0.673076923 ± 0.00390625	
TbarVelFiltSv_M_str.SV_Uls_f32	-1.87615919	-1.87615943 ± 0.00390625	



Т				
Actual Function	Count	Expected Function	Count	Resul
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	

T					
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	

DriverVelCalc

 $TbarVelFiltSv_M_str.SV_Uls_f32$

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1.233716615 ± 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]	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		Expected Value	
DriverVelCalc()	133.268005	133.268 ± 0.0009	•
PrevTbarAng_HwDeg_M_f32	0.616438329	0.616438356 ± 0.00390625	•

Actual Function		Expected Function	Coun	t Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

1.23370099

Test Step 1.31 (Repeat Count = 1)	
Name	Input Value
CRFMotorVel MtrRadpS T f32	-333.62
HwTorque HwNm T f32	-4.5
PrevTbarAng HwDeg M f32	-0.917
TbarVelFiltSv M str.SV Uls f32	2.3697
TbarVelFiltSv M str.K Uls f32	0.014785
VehicleSpeed Kph T f32	10.05
k_CmnSysKinRatio_MtrDegpHwDeg_f32	36.8
k_CmnTbarStiff_NmpDeg_f32	4.9
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	128



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	

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

Test Step 1.33 (Repeat Count = 1)	·
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-699.63
HwTorque HwNm T f32	-5.5
PrevTbarAng HwDeg M f32	-0.89
TbarVelFiltSv M str.SV Uls f32	4.5623
TbarVelFiltSv M str.K Uls f32	0.2365
VehicleSpeed Kph T f32	38.17
k_CmnSysKinRatio_MtrDegpHwDeg_f32	29.2
k_CmnTbarStiff_NmpDeg_f32	6.1
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87

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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	~

T .					
Actual Function	Count	Expected Function	Count	Res	ult
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		~

Name	Input Value		
CRFMotorVel MtrRadpS T f32	555.74		
HwTorque HwNm T f32	6.5		
PrevTbarAng HwDeg M f32	0.83		
TbarVelFiltSv M str.SV Uls f32	5.8745		
TbarVelFiltSv_M_str.K_Uls_f32	0.35874		
VehicleSpeed Kph T f32	1.18		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	56.5		
k CmnTbarStiff NmpDeg f32	7.8		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	109		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	110		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	111		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	113		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	114		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	116		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	117		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	118		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	119		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	121		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	122		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	559.405396	559.4054289 ± 0.0009	-
PrevTbarAng_HwDeg_M_f32	0.833333313	0.833333333 ± 0.00390625	✓
TbarVelFiltSv M str.SV Uls f32	4.36498117	4.36498187 ± 0.00390625	-

T				✓
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

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]

 $t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]$

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]

DriverVelCalc

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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 13440 t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] 13568 t_CmnVehSpd_Kph_u9p7[7] 13696 t_CmnVehSpd_Kph_u9p7[8] 13824 t_CmnVehSpd_Kph_u9p7[9] 13952 t_CmnVehSpd_Kph_u9p7[10] 14080 14208 t_CmnVehSpd_Kph_u9p7[11] $t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]$ 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[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-278.061462	-278.0614576 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-0.783132493	-0.78313253 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-1.98484111	-1.984843167 ± 0.00390625	~

39

40

41 43

44

T .			✓	
Actual Function	Count	Expected Function	Count	Result
IntolVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	

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

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DriverVelCalc

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	✓

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

Test Step 1.37 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel MtrRadpS T f32	-666.71		
HwTorque HwNm T f32	-7.5		
PrevTbarAng HwDeg M f32	-6.249		
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5511		
TbarVelFiltSv_M_str.K_Uls_f32	0.715390457		
VehicleSpeed_Kph_T_f32	254.52		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.2		
k_CmnTbarStiff_NmpDeg_f32	1.2		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t_CmnVehSpd_Kph_u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-267.125366	-267.1254046 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-6.24999952	-6.25 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-1.6527853	-1.65298172 ± 0.00390625	

T				✓
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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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	✓

T				V
Actual Function	Count	Expected Function	Coun	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Name	Input Value
CRFMotorVel MtrRadpS T f32	-463.91
HwTorque HwNm T f32	-8.5
PrevTbarAng HwDeg M f32	-2.35
FbarVelFiltSv_M_str.SV_Uls_f32	-6.6667
FbarVelFiltSv_M_str.K_Uls_f32	0.35874
/ehicleSpeed_Kph_T_f32	55.24
c_CmnSysKinRatio_MtrDegpHwDeg_f32	20.6
C_CmnTbarStiff_NmpDeg_f32	3.6
c_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2
CmnVehSpd_Kph_u9p7[0]	3968
CmnVehSpd_Kph_u9p7[1]	4096
_CmnVehSpd_Kph_u9p7[2]	4224
_CmnVehSpd_Kph_u9p7[3]	4352
_CmnVehSpd_Kph_u9p7[4]	4480
_CmnVehSpd_Kph_u9p7[5]	4608
_CmnVehSpd_Kph_u9p7[6]	4736
_CmnVehSpd_Kph_u9p7[7]	4864
_CmnVehSpd_Kph_u9p7[8]	4992
_CmnVehSpd_Kph_u9p7[9]	5120
_CmnVehSpd_Kph_u9p7[10]	5248
_CmnVehSpd_Kph_u9p7[11]	5376
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44

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DriverVelCalc

Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-93.6095047	-93.60949919 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	-2.36111116	-2.361111111 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-6.26811457	-6.268088042 ± 0.00390625	~

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

Test Step 1.40 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	263.42		
HwTorque_HwNm_T_f32	9.5		
PrevTbarAng_HwDeg_M_f32	2.25		
TbarVelFiltSv_M_str.SV_Uls_f32	6.6667		
TbarVelFiltSv_M_str.K_Uls_f32	0.2874		
VehicleSpeed_Kph_T_f32	444.52		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	21.7		
k_CmnTbarStiff_NmpDeg_f32	4.2		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	27.5082359	27.50822923 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	2.26190495	2.261904762 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	6.46143246	6.461404706 ± 0.00390625	✓

Τ					
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	

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DriverVelCalc

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			
_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 _inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] 10 _inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] 12 _inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] 13 _inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] 14 _inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] 15 _inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5] 17			
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]	16640 [[0] 10 [[1] 12 [[2] 13 [[3] 14 [[4] 15 [[5] 17 [[6] 18 [[7]] 19 [[8] 20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22	Expected Value Resu	
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		-1.826923077 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-0.100936659	-0.100936038 ± 0.00390625	~

T				✓
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	~

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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	•

T				•	1
Actual Function	Count	Expected Function	Count	Resul	t
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•	/

Name	Input Value		
CRFMotorVel MtrRadpS T f32	-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	

T				✓
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	\$(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



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 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 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_f32 pos TS1.7 BaseAssistCmd_MtrNm_T_f32 neg TS1.8 WIRCmdAmpBlnd_MtrNm_T_f32 min TS1.9 WIRCmdAmpBlnd_MtrNm_T_f32 max TS1.10 WIRCmdAmpBlnd_MtrNm_T_f32 pos TS1.11 VehicleSpeed1_Kph_T_f32 min TS1.12 VehicleSpeed1_Kph_T_f32 pos TS1.13 VehicleSpeed1_Kph_T_f32 pos TS1.14 t_DmpADDCoefX_MtrNm_u4p12[10] min TS1.15 t_DmpADDCoefX_MtrNm_u4p12[10] max

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

TS1.26 TS1.27

TS1.28

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

TS1.31

TS1.32

TS1 33

TS1.34 TS1.35

TS1 36

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

Test Step 1.1 (Repeat Count = 1)		✓
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	-8.8	
VehicleSpeed_Kph_T_f32	0	
WIRCmdAmpBlnd_MtrNm_T_f32	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	0	

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Input Value t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 0 $t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]$ $t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]$ 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 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] 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



T .				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	-

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	8.8
VehicleSpeed_Kph_T_f32	511.9921875
WIRCmdAmpBlnd MtrNm T f32	8.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	6554
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	6554
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	6554
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
t_DmpADDCoefX_MtrNm_u4p12[0]	36045
t_DmpADDCoefX_MtrNm_u4p12[1]	36045
t_DmpADDCoefX_MtrNm_u4p12[2]	36045
t_DmpADDCoefX_MtrNm_u4p12[3]	36045
t_DmpADDCoefX_MtrNm_u4p12[4]	36045
t_DmpADDCoefX_MtrNm_u4p12[5]	36045
t_DmpADDCoefX_MtrNm_u4p12[6]	36045
t_DmpADDCoefX_MtrNm_u4p12[7]	36045
t_DmpADDCoefX_MtrNm_u4p12[8]	36045
t_DmpADDCoefX_MtrNm_u4p12[9]	36045
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] t FDD ADDStaticTblY MtrNmpRadpS um1p17[9]	6554 6554
	256
t_FDD_BlendTblY_Uls_u8p8[0]	
t_FDD_BlendTblY_Uls_u8p8[1]	256
t_FDD_BlendTblY_Uls_u8p8[2]	256 256
t_FDD_BlendTblY_Uls_u8p8[3]	256
t_FDD_BlendTblY_Uls_u8p8[4] t_FDD_BlendTblY_Uls_u8p8[5]	256
נוסעסונו וווו וווו חוס מסווון וווווווווווווווווווווווווווווו	230
	256
t_FDD_BlendTblY_Uls_u8p8[6] t_FDD_BlendTblY_Uls_u8p8[7]	256 256

ADDCoefCalc

Name ADDCoefCalc() 2014-09-19, 16:47:23+0530



Result

Expected Value

0.050003052 ± 0.00000009

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[9]	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_UIs_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

T				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Actual Value

0.0500030518

Test Step 1.3 (Repeat Count = 1)		V
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	-8.8	
VehicleSpeed_Kph_T_f32	12.32	
WIRCmdAmpBlnd_MtrNm_T_f32	5.2	
t2 FDD ADDRollingTb/MYW/MW/WIII/MW/KW/Iss w22p/144[4]		

ADDCoefCalc

ADDCoefCalc()

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Name	Input Value		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159		
t_FDD_BlendTblY_Uls_u8p8[0]	3		
t_FDD_BlendTblY_Uls_u8p8[1]	5		
t_FDD_BlendTblY_Uls_u8p8[2]	8		
t_FDD_BlendTblY_Uls_u8p8[3]	10		
t_FDD_BlendTblY_Uls_u8p8[4]	13		
t_FDD_BlendTblY_Uls_u8p8[5]	15		
t_FDD_BlendTblY_Uls_u8p8[6]	18		
t_FDD_BlendTblY_Uls_u8p8[7]	20		
t_FDD_BlendTblY_Uls_u8p8[8]	23		
t_FDD_BlendTblY_Uls_u8p8[9]	26		
t_FDD_BlendTblY_Uls_u8p8[10]	28		
t_FDD_BlendTblY_Uls_u8p8[11]	31		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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		
Name	Actual Value	Expected Value	Result

T				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

0.0369348824

0.036934882 ± 0.00000009

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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ADDCoefCalc	2014-09-19, 16:47:23+0530	Razorcat
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_ADDStaticTbIY_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	
	23	
t_FDD_BlandTblY_Uls_u8p8[7]	26	
t_FDD_BlendTblY_Uls_u8p8[8] t FDD BlendTblY Uls u8p8[9]	28	
	31	
t_FDD_BlendTblY_Uls_u8p8[10]		
t_FDD_BlendTblY_Uls_u8p8[11]	33	
t_RIAstWIRBIndTblY_Uls_u2p14[0]	3277	
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915	
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554	
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192	
t_RIAstWIRBIndTblY_Uls_u2p14[4]	9830	
t_WIRBIndTbIX_MtrNm_u8p8[0]	538	
t_WIRBIndTbIX_MtrNm_u8p8[1]	563	
t_WIRBIndTbIX_MtrNm_u8p8[2]	589	
t_WIRBIndTbIX_MtrNm_u8p8[3]	614	
t WIRRIndThlY MtrNm u8n8[4]	640	

T				
Actual Function	Count	Expected Function	Count	Result
IntolVarXY u16 u16Xu16Y Cnt		IntolVarXY u16 u16Xu16Y Cnt	E	rtoouit

Actual Value

0.013426058

Expected Value

0.013426058 ± 0.00000009

640

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

t_WIRBIndTblX_MtrNm_u8p8[4]

Name

ADDCoefCalc()

Result

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Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1144		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364		
t2_FDD_ADDRollingTbIYM_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 1591		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1692		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793		
t_FDD_BlendTblY_Uls_u8p8[0]	10		
t_FDD_BlendTblY_Uls_u8p8[1]	13		
t FDD BlendTblY Uls u8p8[2]	15		
t FDD BlendTblY Uls u8p8[3]	18		
t_FDD_BlendTblY_Uls_u8p8[4]	20		
t_FDD_BlendTblY_Uls_u8p8[5]	23		
t_FDD_BlendTblY_Uls_u8p8[6]	26		
t_FDD_BlendTblY_Uls_u8p8[7]	28		
t_FDD_BlendTblY_Uls_u8p8[8]	31		
t_FDD_BlendTblY_Uls_u8p8[9]	33		
t FDD BlendTblY Uls u8p8[10]	36		
t_FDD_BlendTblY_Uls_u8p8[11]	38		
t 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_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Result
1141110	Actual Value	Expected value	Kesuit
ADDCoefCalc()	0.00668188976	0.00668189 ± 0.000000009	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	





Test Step 1.6 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	5.25
VehicleSpeed_Kph_T_f32	48.12
WIRCmdAmpBlnd_MtrNm_T_f32	8.1
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTbIYM_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] t_CmnVehSpd_Kph_u9p7[1]	128 256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	16794
t_DmpADDCoefX_MtrNm_u4p12[1]	17203
t_DmpADDCoefX_MtrNm_u4p12[2]	17613 18022
t_DmpADDCoefX_MtrNm_u4p12[3] t DmpADDCoefX_MtrNm_u4p12[4]	18432
t_DmpADDCoefX_MtrNm_u4p12[5]	18842
t DmpADDCoefX MtrNm u4p12[6]	19251
t_DmpADDCoefX_MtrNm_u4p12[7]	19661
t_DmpADDCoefX_MtrNm_u4p12[8]	20070
t_DmpADDCoefX_MtrNm_u4p12[9]	20480
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1946 2093
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	2240
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	2387
t_FDD_BlendTblY_Uls_u8p8[0]	13
t_FDD_BlendTblY_Uls_u8p8[1]	15
t_FDD_BlendTblY_Uls_u8p8[2]	18
t_FDD_BlendTblY_Uls_u8p8[3]	20
t_FDD_BlendTblY_Uls_u8p8[4]	23
t_FDD_BlendTblY_Uls_u8p8[5]	26
t_FDD_BlendTblY_Uls_u8p8[6]	28
t_FDD_BlendTblY_Uls_u8p8[7]	31
t_FDD_BlendTblY_Uls_u8p8[8]	33
t_FDD_BlendTblY_Uls_u8p8[9]	36
t_FDD_BlendTblY_UIs_u8p8[10]	38
t_FDD_BlendTblY_Uls_u8p8[11]	41 6554
t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192
t_RiAstWiRBindTblY_Uis_u2p14[2]	9830
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469
,	

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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	•

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Input Value
-5.45
60
5.2
885
986
1087
1188
1288
1389
1490
1591
1692
1793
1066
1212
1359
1506
1653
1800
1946
2093
2240
2387
2560
3840
5120
6400
7680
8960
10240
11520
12800
14080
15360
16640
20890
21299
21709
22118
22528
22938
23347
23757
24166
24576
1246
1638
2030
2422
2814
3206
3598
3990
4382
4774





Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[0]	15		
t_FDD_BlendTblY_Uls_u8p8[1]	18		
t_FDD_BlendTblY_Uls_u8p8[2]	20		
t_FDD_BlendTblY_Uls_u8p8[3]	23		
t_FDD_BlendTblY_Uls_u8p8[4]	26		
t_FDD_BlendTblY_Uls_u8p8[5]	28		
t_FDD_BlendTblY_Uls_u8p8[6]	31		
t_FDD_BlendTblY_Uls_u8p8[7]	33		
t_FDD_BlendTblY_Uls_u8p8[8]	36		
t_FDD_BlendTblY_Uls_u8p8[9]	38		
t_FDD_BlendTblY_Uls_u8p8[10]	41		
t_FDD_BlendTblY_Uls_u8p8[11]	44		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1306		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1331		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1357		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1382		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0190629773	0.0190629773 ± 0.00000009	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.8 (Repeat Count = 1)		✓
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	1.1	
VehicleSpeed Kph T f32	72.35	
WIRCmdAmpBlnd_MtrNm_T_f32	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][5]	1800	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1946	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774	
t_CmnVehSpd_Kph_u9p7[0]	12800	
t_CmnVehSpd_Kph_u9p7[1]	12928	
t_CmnVehSpd_Kph_u9p7[2]	13056	
t_CmnVehSpd_Kph_u9p7[3]	13184	
t_CmnVehSpd_Kph_u9p7[4]	13312	
t_CmnVehSpd_Kph_u9p7[5]	13440	
t_CmnVehSpd_Kph_u9p7[6]	13568	
t_CmnVehSpd_Kph_u9p7[7]	13696	
t_CmnVehSpd_Kph_u9p7[8]	13824	
t_CmnVehSpd_Kph_u9p7[9]	13952	
t_CmnVehSpd_Kph_u9p7[10]	14080	
t_CmnVehSpd_Kph_u9p7[11]	14208	
t_DmpADDCoefX_MtrNm_u4p12[0]	24986	
t_DmpADDCoefX_MtrNm_u4p12[1]	25395	
t_DmpADDCoefX_MtrNm_u4p12[2]	25805	
t_DmpADDCoefX_MtrNm_u4p12[3]	26214	

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	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	✓

Test Step 1.9 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.2
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_ADDRollingTblYM_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		
	29901		
t_DmpADDCoefX_MtrNm_u4p12[4]	30310		
t_DmpADDCoefX_MtrNm_u4p12[5] t DmpADDCoefX MtrNm u4p12[6]	30720		
t_DmpADDCoetX_MtrNm_u4p12[6] 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_BlendTbIY_Uls_u8p8[4]	31		
t_FDD_BlendTbIY_Uls_u8p8[5]	33		
t_FDD_BlendTblY_Uls_u8p8[6]	36		
t_FDD_BlendTbIY_Uls_u8p8[7]	38		
t_FDD_BlendTblY_Uls_u8p8[8]	41		
t_FDD_BlendTblY_Uls_u8p8[9]	44		
t_FDD_BlendTblY_Uls_u8p8[10]	46		
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0121170254	0.012117026 ± 0.00000009	-

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.10 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.3
VehicleSpeed_Kph_T_f32	96.14
WIRCmdAmpBind_MtrNm_T_f32	4.25
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112

ADDCoefCalc

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Input Value t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] 2340 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] 2568 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 2796 $t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]$ 3024 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 3252 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 3480 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 1608 $t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]$ 2032 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 2455 $t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]$ 2878 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 3302 t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5] 3725 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 4148 $t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]$ 4572 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 $t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]$ 5419 t_CmnVehSpd_Kph_u9p7[0] 10368 t CmnVehSpd Kph u9p7[1] 10496 $t_CmnVehSpd_Kph_u9p7[2]$ 10624 10752 t CmnVehSpd Kph u9p7[3] t_CmnVehSpd_Kph_u9p7[4] 10880 t_CmnVehSpd_Kph_u9p7[5] 11008 t_CmnVehSpd_Kph_u9p7[6] 11136 t_CmnVehSpd_Kph_u9p7[7] 11264 t_CmnVehSpd_Kph_u9p7[8] 11392 11520 t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] 11648 t_CmnVehSpd_Kph_u9p7[11] 11776 t_DmpADDCoefX_MtrNm_u4p12[0] 24986 t_DmpADDCoefX_MtrNm_u4p12[1] 25395 25805 t DmpADDCoefX MtrNm u4p12[2] t_DmpADDCoefX_MtrNm_u4p12[3] 26214 t DmpADDCoefX MtrNm u4p12[4] 26624 t_DmpADDCoefX_MtrNm_u4p12[5] 27034 27443 t_DmpADDCoefX_MtrNm_u4p12[6] t DmpADDCoefX_MtrNm_u4p12[7] 27853 t_DmpADDCoefX_MtrNm_u4p12[8] 28262 $t_DmpADDCoefX_MtrNm_u4p12[9]$ 28672 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] 1789 t FDD ADDStaticTblY MtrNmpRadpS um1p17[1] 2130 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] 2471 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 2811 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] 3152 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 3493 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 3834 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4175 t FDD ADDStaticTblY MtrNmpRadpS um1p17[8] 4515 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] 4856 t_FDD_BlendTblY_Uls_u8p8[0] 49 t_FDD_BlendTblY_Uls_u8p8[1] 51 t_FDD_BlendTblY_Uls_u8p8[2] 54 t_FDD_BlendTblY_Uls_u8p8[3] 57 t_FDD_BlendTblY_Uls_u8p8[4] 60 t_FDD_BlendTblY_Uls_u8p8[5] 63 t_FDD_BlendTblY_Uls_u8p8[6] 66 t_FDD_BlendTblY_Uls_u8p8[7] 68 t_FDD_BlendTblY_Uls_u8p8[8] 71 t_FDD_BlendTblY_Uls_u8p8[9] 74 t_FDD_BlendTblY_Uls_u8p8[10] 77 t_FDD_BlendTblY_Uls_u8p8[11] 80 t_RIAstWIRBIndTbIY_Uls_u2p14[0] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[1] 6554 $t_RIAstWIRBIndTbIY_Uls_u2p14[2]$ 8192 t_RIAstWIRBIndTbIY_Uls_u2p14[3] 9830 t_RIAstWIRBIndTblY_Uls_u2p14[4] 11469 t WIRBIndTbIX MtrNm u8p8[0] 410 t_WIRBIndTbIX_MtrNm_u8p8[1] 435 t WIRBIndTbIX MtrNm u8p8[2] 461 t_WIRBIndTbIX_MtrNm_u8p8[3] 486 t_WIRBIndTbIX_MtrNm_u8p8[4] 512 Name **Actual Value Expected Value** Result ADDCoefCalc() 0.013087993 ± 0.00000009 0.0130879935



T				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 WIRCmdAmpBInd_MtrNm_T_f32	1.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3834 4175
tz_FDD_ADDROIIIngTbIYM_MtrNmpRadpS_umTp17[1][7] t2_FDD_ADDRoIIingTbIYM_MtrNmpRadpS_um1p17[1][8]	4175
t2_FDD_ADDRollingTbIYM_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] t DmpADDCoefX_MtrNm_u4p12[4]	29491 29901
t_DmpADDCoefX_MtrNm_u4p12[5]	30310
t_DmpADDCoefX_MtrNm_u4p12[6]	30720
t_DmpADDCoefX_MtrNm_u4p12[7]	31130
t_DmpADDCoefX_MtrNm_u4p12[8]	31539
t DmpADDCoefX MtrNm u4p12[9]	31949
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494
t_FDD_ADDStaticTbIY_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_BlendTblY_Uls_u8p8[0]	65
t_FDD_BlendTblY_Uls_u8p8[1]	68
t_FDD_BlendTblY_Uls_u8p8[2]	70 73
t_FDD_BlendTbIY_Uls_u8p8[3] t_FDD_BlendTbIY_Uls_u8p8[4]	75
t_FDD_BlendTblY_Uls_u8p8[5]	78
	80
t FDD BlendTblY Uls u8p8[6]	
t_FDD_BlendTblY_Uls_u8p8[6] t_FDD_BlendTblY_Uls_u8p8[7]	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_RIAstWIRBIndTbIY_Uls_u2p14[0] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[1] 8192 t_RIAstWIRBIndTbIY_Uls_u2p14[2] 9830 t_RIAstWIRBIndTbIY_Uls_u2p14[3] 11469 t_RIAstWIRBIndTblY_Uls_u2p14[4] 13107 t_WIRBIndTbIX_MtrNm_u8p8[0] 666 t_WIRBIndTblX_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

Τ				~
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

ADDCoefCalc

Name

ADDCoefCalc()

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Result

Name	Input Value
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409
t_FDD_BlendTblY_Uls_u8p8[0]	93
t_FDD_BlendTblY_Uls_u8p8[1]	96
t_FDD_BlendTblY_Uls_u8p8[2]	99
t_FDD_BlendTblY_Uls_u8p8[3]	101
t_FDD_BlendTblY_Uls_u8p8[4]	104
t_FDD_BlendTblY_Uls_u8p8[5]	106
t_FDD_BlendTblY_Uls_u8p8[6]	109
t_FDD_BlendTblY_Uls_u8p8[7]	111
t_FDD_BlendTblY_Uls_u8p8[8]	114
t_FDD_BlendTblY_Uls_u8p8[9]	116
t_FDD_BlendTblY_Uls_u8p8[10]	119
t_FDD_BlendTblY_Uls_u8p8[11]	122
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746
t_WIRBIndTbIX_MtrNm_u8p8[0]	922
t_WIRBIndTbIX_MtrNm_u8p8[1]	947
t_WIRBIndTbIX_MtrNm_u8p8[2]	973
t_WIRBIndTbIX_MtrNm_u8p8[3]	998
t WIRBIndTblX MtrNm u8p8[4]	1024

T				✓
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

Test Step 1.13 (Repeat Count = 1)	→
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.6
VehicleSpeed Kph T f32	100.21
WIRCmdAmpBlnd MtrNm T f32	1.3
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152

ADDCoefCalc



Name	Input Value			
t_CmnVehSpd_Kph_u9p7[9]	1280			
t_CmnVehSpd_Kph_u9p7[10]	1408			
t CmnVehSpd Kph u9p7[11]	1536			
t_DmpADDCoefX_MtrNm_u4p12[0]	8602			
t DmpADDCoefX MtrNm u4p12[1]	9011			
t_DmpADDCoefX_MtrNm_u4p12[2]	9421			
t DmpADDCoefX MtrNm u4p12[3]	9830			
t_DmpADDCoefX_MtrNm_u4p12[4]	10240			
t_DmpADDCoefX_MtrNm_u4p12[5]	10650			
t_DmpADDCoefX_MtrNm_u4p12[6]	11059			
t_DmpADDCoefX_MtrNm_u4p12[7]	11469			
t DmpADDCoefX MtrNm u4p12[8]	11878			
t_DmpADDCoefX_MtrNm_u4p12[9]	12288			
t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	523			
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038			
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553			
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068			
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583			
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099			
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614			
t FDD ADDStaticTblY MtrNmpRadpS um1p17[7]	4129			
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644			
t FDD ADDStaticTblY MtrNmpRadpS um1p17[9]	5159			
t_FDD_BlendTblY_Uls_u8p8[0]	116			
t FDD BlendTblY Uls u8p8[1]	118			
t_FDD_BlendTblY_Uls_u8p8[2]	121			
t_FDD_BlendTblY_Uls_u8p8[3]	123			
t_FDD_BlendTblY_Uls_u8p8[4]	126			
t_FDD_BlendTblY_Uls_u8p8[5]	129			
t_FDD_BlendTblY_Uls_u8p8[6]	131			
t_FDD_BlendTblY_Uls_u8p8[7]	134			
t_FDD_BlendTblY_Uls_u8p8[8]	136			
t_FDD_BlendTblY_Uls_u8p8[9]	139			
t_FDD_BlendTblY_Uls_u8p8[10]	141			
t_FDD_BlendTblY_Uls_u8p8[11]	144			
t_RIAstWIRBIndTblY_Uls_u2p14[0]	1638			
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277			
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915			
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554			
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192			
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178			
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203			
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229			
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254			
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280			
Name	Actual Value	E	xpected Value	Result
ADDCoefCalc()	0.00872414559	0.	008724146 ± 0.000000009	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Intol\/arYV_u16_u16Yu16V_Cnt	5	Intnl\/arYV_u16_u16Yu16V_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1326		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpADDCoefX_MtrNm_u4p12[0]	0		
t_DmpADDCoefX_MtrNm_u4p12[1]	0		
t_DmpADDCoefX_MtrNm_u4p12[2]	0		
t_DmpADDCoefX_MtrNm_u4p12[3]	0		
t_DmpADDCoefX_MtrNm_u4p12[4]	0		
t_DmpADDCoefX_MtrNm_u4p12[5]	0		
t_DmpADDCoefX_MtrNm_u4p12[6]	0		
t_DmpADDCoefX_MtrNm_u4p12[7]	0		
t_DmpADDCoefX_MtrNm_u4p12[8]	0		
t_DmpADDCoefX_MtrNm_u4p12[9]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695		
t_FDD_BlendTblY_Uls_u8p8[0]	144		
t_FDD_BlendTblY_Uls_u8p8[1]	146		
t_FDD_BlendTblY_Uls_u8p8[2]	149		
t_FDD_BlendTblY_Uls_u8p8[3]	152		
t_FDD_BlendTblY_Uls_u8p8[4]	154		
t_FDD_BlendTblY_Uls_u8p8[5]	157		
t_FDD_BlendTblY_Uls_u8p8[6]			
t_FDD_BlendTblY_Uls_u8p8[7]	162 164		
t_FDD_BlendTbIY_UIs_u8p8[8] t FDD_BlendTbIY_UIs_u8p8[9]	167		
t FDD BlendTblY Uls u8p8[10]	167		
t_FDD_BlendTblY_Uls_u8p8[11]	172		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	3277		
t RIAstWIRBIndTbIY Uls u2p14[1]	4915		
t_RIAStWIRBIndTblY_UIs_u2p14[1]	6554		
t_RIAStWIRBIndTblY_Uls_u2p14[2]	8192		
t_RIAStWIRBINdTblY_UIs_u2p14[3]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t WIRBIndTblX MtrNm u8p8[1]	1459		
	1485		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1510		
t_WIRBIndTblX_MtrNm_u8p8[3]	1536		
t_WIRBIndTblX_MtrNm_u8p8[4]		Function Value	D
Name ADDCoefCalc()	Actual Value	Expected Value	Result
	0.0254064538	0.025406454 ± 0.00000009	→

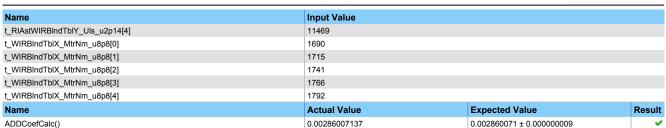
Τ				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	



Test Step 1.15 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.8
VehicleSpeed_Kph_T_f32	120.14
WIRCmdAmpBlnd_MtrNm_T_f32	1.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	661 827
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] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1705 2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t_CmnVehSpd_Kph_u9p7[0]	6784
t_CmnVehSpd_Kph_u9p7[1]	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
t_CmnVehSpd_Kph_u9p7[5]	7424 7552
t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7]	7680
t_CmnVehSpd_Kph_u9p7[8]	7808
t_CmnVehSpd_Kph_u9p7[9]	7936
t_CmnVehSpd_Kph_u9p7[10]	8064
t_CmnVehSpd_Kph_u9p7[11]	8192
t_DmpADDCoefX_MtrNm_u4p12[0]	36045
t_DmpADDCoefX_MtrNm_u4p12[1]	36045
t_DmpADDCoefX_MtrNm_u4p12[2]	36045
t_DmpADDCoefX_MtrNm_u4p12[3]	36045
t_DmpADDCoefX_MtrNm_u4p12[4] t_DmpADDCoefX_MtrNm_u4p12[5]	36045 36045
t DmpADDCoefX MtrNm u4p12[6]	36045
t DmpADDCoefX MtrNm u4p12[7]	36045
t_DmpADDCoefX_MtrNm_u4p12[8]	36045
t_DmpADDCoefX_MtrNm_u4p12[9]	36045
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1389 1490
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793
t_FDD_BlendTblY_Uls_u8p8[0]	172
t_FDD_BlendTblY_Uls_u8p8[1]	174
t_FDD_BlendTblY_Uls_u8p8[2]	176
t_FDD_BlendTbIY_Uls_u8p8[3]	178
t_FDD_BlendTblY_Uls_u8p8[4]	180
t_FDD_BlendTblY_Uls_u8p8[5]	183
t_FDD_BlendTblY_Uls_u8p8[6]	185 187
t_FDD_BlendTblY_Uls_u8p8[7] t_FDD_BlendTblY_Uls_u8p8[8]	189
t_FDD_BlendTblY_Uls_u8p8[9]	191
t_FDD_BlendTblY_Uls_u8p8[10]	193
t_FDD_BlendTblY_Uls_u8p8[11]	195
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554
t_RIAstWIRBIndTblY_Uls_u2p14[2]	8192
t_RIAstWIRBIndTblY_Uls_u2p14[3]	9830

ADDCoefCalc





T			✓	
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.16 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd MtrNm T f32	1.9
VehicleSpeed_Kph_T_f32	132
WIRCmdAmpBlnd_MtrNm_T_f32	1.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	683
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	1024
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	1364
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	1705
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][5]	2046
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	2387
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTbIYM_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 ADDRollingTbIYM MtrNmpRadpS um1p17[1][4]	827
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5]	994
t2_FDD_ADDRollingTbIYM_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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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_BlendTbIY_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_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_UIs_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	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.17 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	2
VehicleSpeed_Kph_T_f32	144.25
WIRCmdAmpBlnd_MtrNm_T_f32	1.7
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
t_DmpADDCoefX_MtrNm_u4p12[1]	4915
t_DmpADDCoefX_MtrNm_u4p12[2]	5325
t_DmpADDCoefX_MtrNm_u4p12[3]	5734

ADDCoefCalc



Name	Input Value		
t_DmpADDCoefX_MtrNm_u4p12[4]	6144		
t_DmpADDCoefX_MtrNm_u4p12[5]	6554		
t_DmpADDCoefX_MtrNm_u4p12[6]	6963		
t_DmpADDCoefX_MtrNm_u4p12[7]	7373		
t_DmpADDCoefX_MtrNm_u4p12[8]	7782		
t_DmpADDCoefX_MtrNm_u4p12[9]	8192		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3206		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3598		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3990		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4382		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774		
t_FDD_BlendTblY_Uls_u8p8[0]	3		
t_FDD_BlendTblY_Uls_u8p8[1]	5		
t_FDD_BlendTblY_Uls_u8p8[2]	8		
t_FDD_BlendTblY_Uls_u8p8[3]	10		
t_FDD_BlendTblY_Uls_u8p8[4]	13		
t_FDD_BlendTblY_Uls_u8p8[5]	15		
t_FDD_BlendTblY_Uls_u8p8[6]	18		
t_FDD_BlendTblY_Uls_u8p8[7]	20		
t_FDD_BlendTblY_Uls_u8p8[8]	23		
t_FDD_BlendTblY_Uls_u8p8[9]	26		
t_FDD_BlendTblY_Uls_u8p8[10]	28		
t_FDD_BlendTblY_Uls_u8p8[11]	31		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTbIX_MtrNm_u8p8[1]	947		
t_WIRBIndTbIX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1024		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0327785164	0.032778516 ± 0.00000009	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	✓

Test Step 1.18 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-1
VehicleSpeed_Kph_T_f32	156.12
WIRCmdAmpBInd_MtrNm_T_f32	1.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409

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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		
	9011		
t_DmpADDCoefX_MtrNm_u4p12[1]	9421		
t_DmpADDCoefX_MtrNm_u4p12[2]			
t_DmpADDCoefX_MtrNm_u4p12[3]	9830		
t_DmpADDCoefX_MtrNm_u4p12[4]	10240		
t_DmpADDCoefX_MtrNm_u4p12[5]	10650		
t_DmpADDCoefX_MtrNm_u4p12[6]	11059		
t_DmpADDCoefX_MtrNm_u4p12[7]	11469		
t_DmpADDCoefX_MtrNm_u4p12[8]	11878		
t_DmpADDCoefX_MtrNm_u4p12[9]	12288		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409		
t_FDD_BlendTblY_Uls_u8p8[0]	5		
t_FDD_BlendTblY_Uls_u8p8[1]	8		
t_FDD_BlendTbIY_Uls_u8p8[2]	10		
t_FDD_BlendTblY_Uls_u8p8[3]	13		
t_FDD_BlendTblY_Uls_u8p8[4]	15		
t_FDD_BlendTblY_Uls_u8p8[5]	18		
t_FDD_BlendTblY_Uls_u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[7]	23		
t_FDD_BlendTblY_Uls_u8p8[8]	26		
t_FDD_BlendTblY_Uls_u8p8[9]	28		
t_FDD_BlendTblY_Uls_u8p8[10]	31		
t_FDD_BlendTblY_Uls_u8p8[11]	33		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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		xpected Value	Result
ADDCoefCalc()		008107823 ± 0.000000009	Result

T .				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.19 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-2
VehicleSpeed_Kph_T_f32	168
WIRCmdAmpBlnd_MtrNm_T_f32	1.9
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112

ADDCoefCalc



	0019410	•	-4-10-10
IL FORD ADDROGNING TAVM, MinhimpRates Juni 1970[15] 2568 IL FORD ADDROGNING TAVM, MinhimpRates Juni 1970[16] 2769 IL FORD ADDROGNING TAVM, MinhimpRates Juni 1970[17] 3024 IL FORD ADDROGNING TAVM, MinhimpRates Juni 1970[17] 3024 IL FORD ADDROGNING TAVM, MinhimpRates Juni 1970[18] 3022 IL FORD ADDROGNING TAVM, MinhimpRates Juni 1971[17] 3040 IL FORD ADDROGNING TAVM, MinhimpRates Juni 1971[17] 1038 IL FORD ADDROGNING TAVM, MinhimpRates Juni 1971[17] 1038 IL FORD ADDROGNING TAVM, MinhimpRates Juni 1971[17] 2068 IL FORD ADDROGNING TAVM, MinhimpRates Juni 1971[17] 3069 IL FORD ADDROGNING TAVM, MinhimpRates Juni 1971[17] 3079 IL FORD ADDROGNING TAVM, MinhimpRates Juni 1971[17] 4129 IL FORD ADDROGNING TAVM, MinhimpRates Juni 1971[17] 4129 IL FORD ADDROGNING TAVM, MINHIMPRATES JUNI 1971[17] 4129 IL FORD ADDROGNING TAVM, MINHIMPRATES JUNI 1971[17] 4142 IL FORD ADDROGNING TAVM, MINHIMPRATES JUNI 1971[17] 4164 IL FORD ADDROGNING TAVM, MINHIMPRATES JUNI 1971[17] 1546 IL FORD ADDROGNING TAVM, MINHIMPRATES JUNI 1971[17] 15476 IL FORD ADDROGNING TAVM, MINHIMPRATES JUNI	In	put Value	
2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1984) 2968 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1987) 3024 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1988) 3022 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1988) 360 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 523 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 1038 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 2058 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 2058 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 3059 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 3069 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 3064 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 444 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 5159 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 1509 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 1519 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 1519 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 1519 2. F.D.D. ADDROINING TOWN JAMENS AND SECURITY (1981) 1519 2. F.D.D. ADDROINING TOWN JA		•	
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2 FDD ADDRIGHT TOWN MITHERPASS, unit p 17(19)	ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 302	024	
2. FDD. ADDRAID INT.M. MINNEYBEASS, unit 171 1038 2. FDD. ADDRAID INT.M. MINNEYBEASS, unit 171 113 1553 2. FDD. ADDRAID INT.M. MINNEYBEASS, unit 171 13 2668 2. FDD. ADDRAID INT.M. MINNEYBEASS, unit 171 13 2668 2. FDD. ADDRAID INT.M. MINNEYBEASS, unit 171 18 2563 2. FDD. ADDRAID INT.M. MINNEYBEASS, unit 171 18 2563 2. FDD. ADDRAID INT.M. MINNEYBEASS, unit 171 18 2563 2. FDD. ADDRAID INT.M. MINNEYBEASS, unit 171 18 2. FDD. ADDRAID INT.M. MINNEYBEASS, unit 171 2. FDD. ADDRAID INT.M. MINNEYBEASS, unit 171 2. FDD. ADD	ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 329	252	
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t_DmpADDCcefX_MtrNm_u4p12[7]			
DmpADDCoefX_MtrNm_u4p12[8] 15974 DmpADDCoefX_MtrNm_u4p12[9] 16384 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[3] 2583 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 3099 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 3614 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 3614 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4129 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4129 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5159 FDD_BlendTblY_Uls_u8p8[0] 10 FDD_BlendTblY_Uls_u8p8[1] 13 FDD_BlendTblY_Uls_u8p8[2] 15 FDD_BlendTblY_Uls_u8p8[2] 15 FDD_BlendTblY_Uls_u8p8[3] 18 FDD_BlendTblY_Uls_u8p8[4] 20 FDD_BlendTblY_Uls_u8p8[6] 26 FDD_BlendTblY_Uls_u8p8[6] 26 FDD_BlendTblY_Uls_u8p8[6] 26 FDD_BlendTblY_Uls_u8p8[6] 26 FDD_BlendTblY_Uls_u8p8[6] 33 FDD_BlendTblY_Uls_u8p8[6] 36 FDD_BlendTblY_Uls_u8p8[6] 36 FDD_BlendTblY_Uls_u8p8[1] 38 FDD_BlendTblY_Uls_u8p8[1] 4915 LRIASHWIRBIndTblY_Uls_u2p14[1] 4915 LRIASHWIRBIndTblY_Uls_u2p14[2] 6554 LRIASHWIRBIndTblY_Uls_u2p14[3] 892 LRIASHWIRBIndTblY_Uls_u2p14[4] 9830 LWIRBIndTblX_MtrNm_u8p8[0] 4134			
L_DmpADDCoef_MtrNm_u4p12[9] 16384 L_FDD_ADDStaticTbity_MtrNmpRadps_um1p17[0] 523 L_FDD_ADDStaticTbity_MtrNmpRadps_um1p17[1] 1038 L_FDD_ADDStaticTbity_MtrNmpRadps_um1p17[2] 1553 L_FDD_ADDStaticTbity_MtrNmpRadps_um1p17[3] 2068 L_FDD_ADDStaticTbity_MtrNmpRadps_um1p17[5] 3099 L_FDD_ADDStaticTbity_MtrNmpRadps_um1p17[6] 3614 L_FDD_ADDStaticTbity_MtrNmpRadps_um1p17[7] 4129 L_FDD_ADDStaticTbity_MtrNmpRadps_um1p17[8] 4644 L_FDD_ADDStaticTbity_MtrNmpRadps_um1p17[9] 5159 L_FDD_BlendTbity_Uls_u8p8[0] 10 L_FDD_BlendTbity_Uls_u8p8[0] 10 L_FDD_BlendTbity_Uls_u8p8[3] 18 L_FDD_BlendTbity_Uls_u8p8[4] 20 L_FDD_BlendTbity_Uls_u8p8[6] 23 L_FDD_BlendTbity_Uls_u8p8[8] 23 L_FDD_BlendTbity_Uls_u8p8[8] 31 L_FDD_BlendTbity_Uls_u8p8[8] 31 L_FDD_BlendTbity_Uls_u8p8[8] 31 L_FDD_BlendTbity_Uls_u8p8[8] 33 L_FDD_BlendTbity_Uls_u8p8[8] 33 L_FDD_BlendTbity_Uls_u8p8[1] 38 L_FDD_Bl			
LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17(0) 523 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17(1) 1038 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17(2) 1553 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17(3) 2068 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17(4) 2583 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17(5) 3099 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17(7) 4129 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17(7) 4129 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17(8) 4644 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17(8) 4644 LFDD_BlendTblY_Uls_u8p8(0) 10 LFDD_BlendTblY_Uls_u8p8(1) 13 LFDD_BlendTblY_Uls_u8p8(2) 15 LFDD_BlendTblY_Uls_u8p8(3) 18 LFDD_BlendTblY_Uls_u8p8(3) 18 LFDD_BlendTblY_Uls_u8p8(6) 26 LFDD_BlendTblY_Uls_u8p8(7) 28 LFDD_BlendTblY_Uls_u8p8(8) 31 LFDD_BlendTblY_Uls_u8p8(8) 31 LFDD_BlendTblY_Uls_u8p8(8) 31 LFDD_BlendTblY_Uls_u8p8(1) 36 LFDD_BlendTblY_Uls_u8p8(8) 31 LFDD_BlendTblY_Uls_u8p8(8)			
L_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 1038 L_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] 1553 L_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 2068 L_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 3699 L_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 3614 L_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4129 L_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4644 L_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4644 L_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5159 L_FDD_BlendTblY_UIs_u8p8[0] 10 L_FDD_BlendTblY_UIs_u8p8[1] 13 L_FDD_BlendTblY_UIs_u8p8[2] 15 L_FDD_BlendTblY_UIs_u8p8[3] 18 L_FDD_BlendTblY_UIs_u8p8[6] 23 L_FDD_BlendTblY_UIs_u8p8[6] 26 L_FDD_BlendTblY_UIs_u8p8[6] 26 L_FDD_BlendTblY_UIs_u8p8[6] 28 L_FDD_BlendTblY_UIs_u8p8[1] 33 L_FDD_BlendTblY_UIs_u8p8[1] 36 L_FDD_BlendTblY_UIs_u8p8[1] 36 L_FDD_BlendTblY_UIs_u8p8[1] 36 L_FDD_BlendTblY_UIs_u8p8[1] 38 L_FDD_BlendTblY_UIs_u2p4[4] 4915 L_RIAStWIRBIndTblY_UIs_u2p4[4			
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] 1553 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] 2688 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5] 3099 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 3614 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] 4129 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] 4644 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] 5159 t_FDD_BlendTbIY_UIs_u8p8[0] 10 t_FDD_BlendTbIY_UIs_u8p8[1] 13 t_FDD_BlendTbIY_UIs_u8p8[2] 15 t_FDD_BlendTbIY_UIs_u8p8[3] 18 t_FDD_BlendTbIY_UIs_u8p8[4] 20 t_FDD_BlendTbIY_UIs_u8p8[6] 23 t_FDD_BlendTbIY_UIs_u8p8[6] 26 t_FDD_BlendTbIY_UIs_u8p8[6] 26 t_FDD_BlendTbIY_UIs_u8p8[6] 31 t_FDD_BlendTbIY_UIs_u8p8[6] 33 t_FDD_BlendTbIY_UIs_u8p8[6] 36 t_FDD_BlendTbIY_UIs_u8p8[10] 36 t_FDD_BlendTbIY_UIs_u8p8[11] 38 t_RAstWiRBindTbIY_UIs_u2p14[0] 3277 t_RIAstWiRBindTbIY_UIs_u2p14[2] 6554 t_RIAstWiRBindTbIY_UIs_u2p14[4] 9			
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_BlendTblY_Uls_u8p8[0] 10 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[6] 26 t_FDD_BlendTblY_Uls_u8p8[6] 26 t_FDD_BlendTblY_Uls_u8p8[8] 31 t_FDD_BlendTblY_Uls_u8p8[9] 33 t_FDD_BlendTblY_Uls_u8p8[1] 36 t_FDD_BlendTblY_Uls_u8p8[1] 38 t_FDD_BlendTblY_Uls_u8p8[1] 38 t_FDD_BlendTblY_Uls_u2p8[1] 38 t_RIAstWiRBlndTblY_Uls_u2p14[1] 4915 t_RIAstWiRBlndTblY_Uls_u2p14[3] 8192 t_RIAstWiRBlndTblY_Uls_u2p14[4] 9830 <td></td> <td>553</td> <td></td>		553	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] 2583 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 3099 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 3614 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] 4129 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] 4644 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] 5159 t_FDD_BlendTbIY_UIs_u8p8[0] 10 t_FDD_BlendTbIY_UIs_u8p8[1] 13 t_FDD_BlendTbIY_UIs_u8p8[2] 15 t_FDD_BlendTbIY_UIs_u8p8[3] 18 t_FDD_BlendTbIY_UIs_u8p8[3] 18 t_FDD_BlendTbIY_UIs_u8p8[6] 20 t_FDD_BlendTbIY_UIs_u8p8[6] 26 t_FDD_BlendTbIY_UIs_u8p8[7] 28 t_FDD_BlendTbIY_UIs_u8p8[8] 31 t_FDD_BlendTbIY_UIs_u8p8[10] 36 t_FDD_BlendTbIY_UIs_u8p8[10] 36 t_FDD_BlendTbIY_UIs_u8p8[11] 38 t_RIAstWIRBIndTbIY_UIs_u2p14[0] 3277 t_RIAstWIRBIndTbIY_UIs_u2p14[2] 6554 t_RIAstWIRBIndTbIY_UIs_u2p14[2] 6554 t_RIAstWIRBIndTbIY_UIs_u2p14[4] 9830 t_WIRBIndTbIX_MtrNm_u8p8[0] 1434 <td></td> <td>068</td> <td></td>		068	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5] 3099 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 3614 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] 4129 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] 4644 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] 5159 t_FDD_BlendTbIY_UIs_u8p8[0] 10 t_FDD_BlendTbIY_UIs_u8p8[1] 13 t_FDD_BlendTbIY_UIs_u8p8[2] 15 t_FDD_BlendTbIY_UIs_u8p8[3] 18 t_FDD_BlendTbIY_UIs_u8p8[6] 20 t_FDD_BlendTbIY_UIs_u8p8[6] 23 t_FDD_BlendTbIY_UIs_u8p8[7] 28 t_FDD_BlendTbIY_UIs_u8p8[8] 31 t_FDD_BlendTbIY_UIs_u8p8[8] 31 t_FDD_BlendTbIY_UIs_u8p8[10] 36 t_FDD_BlendTbIY_UIs_u8p8[11] 38 t_FDD_BlendTbIY_UIs_u2p14[0] 3277 t_RIAstWIRBIndTbIY_UIs_u2p14[2] 6554 t_RIAstWIRBIndTbIY_UIs_u2p14[2] 6554 t_RIAstWIRBIndTbIY_UIs_u2p14[4] 9830 t_WIRBIndTbIX_MtrNm_u8p8[0] 1434		583	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4129 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4644 t_FDD_BDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5159 t_FDD_BlendTblY_Uls_u8p8[0] 10 t_FDD_BlendTblY_Uls_u8p8[1] 13 t_FDD_BlendTblY_Uls_u8p8[2] 15 t_FDD_BlendTblY_Uls_u8p8[3] 18 t_FDD_BlendTblY_Uls_u8p8[4] 20 t_FDD_BlendTblY_Uls_u8p8[5] 23 t_FDD_BlendTblY_Uls_u8p8[6] 26 t_FDD_BlendTblY_Uls_u8p8[7] 28 t_FDD_BlendTblY_Uls_u8p8[8] 31 t_FDD_BlendTblY_Uls_u8p8[9] 33 t_FDD_BlendTblY_Uls_u8p8[10] 36 t_FDD_BlendTblY_Uls_u8p8[11] 38 t_FDD_BlendTblY_Uls_u2p14[0] 3277 t_RIAstWiRBindTblY_Uls_u2p14[2] 6554 t_RIAstWiRBindTblY_Uls_u2p14[3] 8192 t_RIAStWIRBindTblY_Uls_u2p14[4] 9830 t_WIRBindTblX_MtrNm_u8p8[0] 1434		099	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4644 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5159 t_FDD_BlendTblY_Uls_u8p8[0] 10 t_FDD_BlendTblY_Uls_u8p8[1] 13 t_FDD_BlendTblY_Uls_u8p8[2] 15 t_FDD_BlendTblY_Uls_u8p8[3] 18 t_FDD_BlendTblY_Uls_u8p8[3] 20 t_FDD_BlendTblY_Uls_u8p8[6] 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_FDD_BlendTblY_Uls_u2p14[0] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434	DDStaticTblY_MtrNmpRadpS_um1p17[6] 36	614	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 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[5] t_FDD_BlendTblY_Uls_u8p8[6] t_FDD_BlendTblY_Uls_u8p8[7] t_FDD_BlendTblY_Uls_u8p8[7] t_FDD_BlendTblY_Uls_u8p8[8] t_FDD_BlendTblY_Uls_u8p8[8] t_FDD_BlendTblY_Uls_u8p8[10] t_FDD_BlendTblY_Uls_u8p8[11] t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWiRBindTblY_Uls_u2p14[0] t_RIAstWiRBindTblY_Uls_u2p14[2] t_RIAstWiRBindTblY_Uls_u2p14[3] t_RIAstWiRBindTblY_Uls_u2p14[4] t_RIAstWiRBindTblX_MtrNm_u8p8[0]	DDStaticTblY_MtrNmpRadpS_um1p17[7] 41:	129	
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[6] 26 t_FDD_BlendTblY_Uls_u8p8[8] 31 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] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434	DDStaticTblY_MtrNmpRadpS_um1p17[8] 464	644	
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] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[1] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434	DDStaticTblY_MtrNmpRadpS_um1p17[9] 519	159	
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] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[1] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434	lendTblY_Uls_u8p8[0] 10)	
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] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[1] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434	lendTblY_Uls_u8p8[1] 13	3	
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] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[1] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434	lendTblY_Uls_u8p8[2] 15	5	
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] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[1] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434	lendTblY_Uls_u8p8[3] 18	3	
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] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[1] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434			
t_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] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[1] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434			
t_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] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[1] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434			
t_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] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[1] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434			
t_FDD_BlendTblY_Uls_u8p8[10] 36 t_FDD_BlendTblY_Uls_u8p8[11] 38 t_RIAstWIRBIndTblY_Uls_u2p14[0] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[1] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434			
t_FDD_BlendTblY_Uls_u8p8[11] 38 t_RIAstWIRBIndTblY_Uls_u2p14[0] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[1] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 t_WIRBIndTblX_MtrNm_u8p8[0] 1434			
t_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_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_RIAstWIRBIndTbIY_UIs_u2p14[2] 6554 t_RIAstWIRBIndTbIY_UIs_u2p14[3] 8192 t_RIAstWIRBIndTbIY_UIs_u2p14[4] 9830 t_WIRBIndTbIX_MtrNm_u8p8[0] 1434			
t_RIAstWIRBIndTbIY_UIs_u2p14[3] 8192 t_RIAstWIRBIndTbIY_UIs_u2p14[4] 9830 t_WIRBIndTbIX_MtrNm_u8p8[0] 1434			
t_RIAstWIRBIndTbIY_UIs_u2p14[4] 9830 t_WIRBIndTbIX_MtrNm_u8p8[0] 1434			
t_WIRBIndTblX_MtrNm_u8p8[0] 1434			
t_WIRBINd1biX_MtrNm_u8p8[1] 1459			
A THE PART OF THE	1 1 7		
t_WIRBIndTblX_MtrNm_u8p8[2] 1485			
t_WIRBIndTblX_MtrNm_u8p8[3] 1510			
t_WIRBIndTblX_MtrNm_u8p8[4] 1536			
Name Actual Value Expected Value		·	Resul
ADDCoefCalc() 0.00480917655 0.004809176 ± 0.000000000	(Calc()	0.00480917655 0.004809176 ± 0.000000009	





T				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 2
WIRCmdAmpBInd_MtrNm_T_f32 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTb1YM_MtrNmpRadpS_um1p17[0][0]	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_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]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	0
t2 FDD ADDRollingTbIYM MtrNmpRadpS_um1p17[1][7]	0
t2 FDD ADDRollingTbIYM 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_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 1364
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] t FDD ADDStaticTbIY MtrNmpRadpS um1p17[7]	1475
t_FDD_ADDStaticToH_MtiNinpRadpS_um1p17[7] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695
t_FDD_BlendTblY_Uls_u8p8[0]	13
t_FDD_BlendTblY_Uls_u8p8[1]	15
t_FDD_BlendTblY_Uls_u8p8[2]	18
t_FDD_BlendTblY_Uls_u8p8[3]	20
t_FDD_BlendTblY_Uls_u8p8[4]	23
t_FDD_BlendTblY_Uls_u8p8[5]	26
t_FDD_BlendTbIY_Uls_u8p8[6]	28
t_FDD_BlendTbIY_Uls_u8p8[7]	31
t_FDD_BlendTblY_Uls_u8p8[8]	33



ADDCoefCalc	077 00 70, 70.77.2010000	Ra	Zorcat
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_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00464858953	0.00464859 ± 0.000000009	~

Τ				~
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.21 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-4
VehicleSpeed_Kph_T_f32	192
WIRCmdAmpBInd_MtrNm_T_f32	2.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	6554
t_CmnVehSpd_Kph_u9p7[0]	5248
t_CmnVehSpd_Kph_u9p7[1]	5376
t_CmnVehSpd_Kph_u9p7[2]	5504
t_CmnVehSpd_Kph_u9p7[3]	5632
t_CmnVehSpd_Kph_u9p7[4]	5760
t_CmnVehSpd_Kph_u9p7[5]	5888
t_CmnVehSpd_Kph_u9p7[6]	6016
t_CmnVehSpd_Kph_u9p7[7]	6144
t_CmnVehSpd_Kph_u9p7[8]	6272
t_CmnVehSpd_Kph_u9p7[9]	6400
t_CmnVehSpd_Kph_u9p7[10]	6528
t_CmnVehSpd_Kph_u9p7[11]	6656
t_DmpADDCoefX_MtrNm_u4p12[0]	20890
t_DmpADDCoefX_MtrNm_u4p12[1]	21299
t_DmpADDCoefX_MtrNm_u4p12[2]	21709
t_DmpADDCoefX_MtrNm_u4p12[3]	22118
t_DmpADDCoefX_MtrNm_u4p12[4]	22528
t_DmpADDCoefX_MtrNm_u4p12[5]	22938
t_DmpADDCoefX_MtrNm_u4p12[6]	23347
t_DmpADDCoefX_MtrNm_u4p12[7]	23757
t_DmpADDCoefX_MtrNm_u4p12[8]	24166
t DmpADDCoefX MtrNm u4p12[9]	24576
t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	885
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087
, , , , , , , , , , , , , , , , ,	

Name

ADDCoefCalc()

2014-09-19, 16:47:23+0530



Result

ADDCoefCalc	2014-09-13, 10.41.23+0550	Razorcat
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_Uls_u2p14[0]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830	
t RIAstWIRBIndTbIY UIs u2p14[3]	11469	
t RIAstWIRBIndTbIY UIs u2p14[4]	13107	
t WIRBIndTbIX MtrNm u8p8[0]	1894	
t_WIRBIndTblX_MtrNm_u8p8[1]	1920	
t_WIRBIndTblX_MtrNm_u8p8[2]	1946	
t_WIRBIndTblX_MtrNm_u8p8[3]	1971	
t_WIRBIndTblX_MtrNm_u8p8[4]	1997	

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	-

Actual Value

0.00929849967

Expected Value

0.0092985 ± 0.000000009

Input Value BaseAssiCrd_MirNim_T_f32	- 101 100 (D. 100 11)	
SeeAssistCmd_MtrNm_T_32	Test Step 1.22 (Repeat Count = 1)	
VehicleSpeed_Kph_T_632 204 WIRCmdAmpBlind_MINNT_T32 2.2 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[1] 523 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[2] 1553 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[4] 268 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[4] 2583 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[6] 3099 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[6] 3614 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[7] 4129 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[8] 4644 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[8] 4644 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[9] 5159 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[1] 2032 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[1] 2032 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[4] 3302 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[4] 3302 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[6] 4458 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[6] 4478 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[6] 4478 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[6] 4499		
WIRCmdAmpBind_MtrNm_T_{32} 2.2 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[0][0] 523 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[0][1] 1038 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[0][2] 1553 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[0][3] 2068 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[0][4] 2583 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[0][5] 3099 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[0][6] 3614 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[0][7] 4129 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[0][8] 4644 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[0][9] 5159 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[1][0] 1608 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[1][0] 2032 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[1][1] 2032 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[1][1] 2032 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[1][3] 2455 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[1][6] 3725 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[1][6] 3725 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[1][6] 4148 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[1][6] 4148 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[1][6] 4149 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[1][6] 4149 12_FDD_ADDRollingTbiYM_MtrNmpRadps_um1p17[1][6] 4199 12_FDD_ADDRolli	BaseAssistCmd_MtrNm_T_f32	-5
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12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5] 3099 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6] 3614 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7] 4129 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8] 4644 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9] 5159 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0] 1608 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0] 2032 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2] 2455 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3] 2878 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4] 3302 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 3725 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 4148 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 4495 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9] 5419 12_FMD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9] 4096 12_FMD_ADDRollingTbIYM_MtrNmpRadpS_um1	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
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12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][3] 2878 12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][4] 3302 12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][5] 3725 12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][6] 4148 12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][7] 4572 12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][9] 5419 1_CmnVehSpd_Kph_u9p7[0] 3968 1_CmnVehSpd_Kph_u9p7[1] 4096 1_CmnVehSpd_Kph_u9p7[2] 4224 1_CmnVehSpd_Kph_u9p7[3] 4352 1_CmnVehSpd_Kph_u9p7[4] 4480 1_CmnVehSpd_Kph_u9p7[5] 4608 1_CmnVehSpd_Kph_u9p7[6] 4736 1_CmnVehSpd_Kph_u9p7[7] 4864	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 3302 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3725 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 4148 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4572 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419 1_CmnVehSpd_Kph_u9p7[0] 3968 1_CmnVehSpd_Kph_u9p7[1] 4096 1_CmnVehSpd_Kph_u9p7[2] 4224 1_CmnVehSpd_Kph_u9p7[3] 4352 1_CmnVehSpd_Kph_u9p7[4] 4480 1_CmnVehSpd_Kph_u9p7[5] 4608 1_CmnVehSpd_Kph_u9p7[6] 4736 1_CmnVehSpd_Kph_u9p7[7] 4864	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3725 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 4148 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4572 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419 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	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 4148 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4572 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419 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	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4572 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 12_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	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 12_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	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
12_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	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
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	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
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	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t_CmnVehSpd_Kph_u9p7[2]	t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[3]	t_CmnVehSpd_Kph_u9p7[1]	4096
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[2]	4224
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[3]	4352
t_CmnVehSpd_Kph_u9p7[6] 4736 t_CmnVehSpd_Kph_u9p7[7] 4864	t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[6] 4736 t_CmnVehSpd_Kph_u9p7[7] 4864	t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[7] 4864	t_CmnVehSpd_Kph_u9p7[6]	4736
t Cmn/abSnd Knb u9n7(8) 4092	t_CmnVehSpd_Kph_u9p7[7]	4864
L_OnlineChopu_rtpri_dopr[o]	t_CmnVehSpd_Kph_u9p7[8]	4992

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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_RIAstWIRBIndTbIY_Uls_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		
Name	Actual Value	Expected Value	Resul
ADDCoefCalc()	0.00246831775	0.002468318 ± 0.000000009	•

T .					~
	Actual Function	Count	Expected Function	Count	Result
	IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	~

Test Step 1.23 (Repeat Count = 1)	t Step 1.23 (Repeat Count = 1)		
Name	Input Value		
BaseAssistCmd_MtrNm_T_f32	-6		
VehicleSpeed_Kph_T_f32	216.25		
WIRCmdAmpBInd_MtrNm_T_f32	2.3		
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

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	~

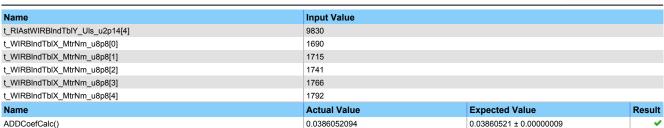


Test Step 1.24 (Repeat Count = 1)	→
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-7
VehicleSpeed_Kph_T_f32	228.25
WIRCmdAmpBlnd_MtrNm_T_f32	2.4
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1288 1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1692
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1793
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144 1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1695
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240 11520
t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
t_DmpADDCoefX_MtrNm_u4p12[1]	4915
t_DmpADDCoefX_MtrNm_u4p12[2]	5325
t_DmpADDCoefX_MtrNm_u4p12[3]	5734
t_DmpADDCoefX_MtrNm_u4p12[4] t DmpADDCoefX_MtrNm_u4p12[5]	6144
t_DmpADDCoefX_MtrNm_u4p12[6]	6554 6963
t_DmpADDCoefX_MtrNm_u4p12[7]	7373
t_DmpADDCoefX_MtrNm_u4p12[8]	7782
t_DmpADDCoefX_MtrNm_u4p12[9]	8192
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	6554
t_FDD_BlendTblY_Uls_u8p8[0]	49
t_FDD_BlendTblY_Uls_u8p8[1]	51
t_FDD_BlendTblY_Uls_u8p8[2]	54
t_FDD_BlendTblY_Uls_u8p8[3]	57
t_FDD_BlendTbIY_Uls_u8p8[4]	60
t_FDD_BlendTblY_Uls_u8p8[5]	63
t_FDD_BlendTblY_Uls_u8p8[6]	66
t_FDD_BlendTblY_Uls_u8p8[7]	68
t_FDD_BlendTblY_Uls_u8p8[8] t_FDD_BlendTblY_Uls_u8p8[9]	71 74
t_FDD_BlendTblY_Uls_u8p8[10]	77
t_FDD_BlendTblY_Uls_u8p8[11]	80
	3277
t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277 4915
t_RIAstWIRBIndTblY_Uls_u2p14[0]	

ADDCoefCalc

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T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.25 (Repeat Count = 1)	
	Innut Web.
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1793
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[2]	1364
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705
	2046
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	
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	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.26 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	3
VehicleSpeed_Kph_T_f32	252.24
WIRCmdAmpBlnd_MtrNm_T_f32	2.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	12698
t_DmpADDCoefX_MtrNm_u4p12[1]	13107
t_DmpADDCoefX_MtrNm_u4p12[2]	13517
t_DmpADDCoefX_MtrNm_u4p12[3]	13926

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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 I
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

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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		
	18842		
t_DmpADDCoefX_MtrNm_u4p12[5]	19251		
t_DmpADDCoefX_MtrNm_u4p12[6]	19661		
t_DmpADDCoefX_MtrNm_u4p12[7]			
t_DmpADDCoefX_MtrNm_u4p12[8]	20070		
t_DmpADDCoefX_MtrNm_u4p12[9]	20480		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4175		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856		
t_FDD_BlendTbIY_Uls_u8p8[0]	116		
t_FDD_BlendTbIY_Uls_u8p8[1]	118		
t_FDD_BlendTbIY_Uls_u8p8[2]	121		
t_FDD_BlendTbIY_Uls_u8p8[3]	123		
t_FDD_BlendTblY_Uls_u8p8[4]	126		
t_FDD_BlendTbIY_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]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	14746		
t WIRBIndTbIX MtrNm u8p8[0]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048		
t WIRBIndTbIX MtrNm u8p8[2]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[3]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2048		
Name	Actual Value	Expected Value	Result
		•	Result
ADDCoefCalc()	0.0117070675	0.011707067 ± 0.00000009	

Т				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

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

ADDCoefCalc

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Input Value t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] 3302 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] 3725 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 4148 $t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]$ 4572 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 4995 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 5419 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 1427 $t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]$ 1655 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1884 $t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]$ 2112 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 2340 $t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]$ 2568 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 2796 $t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]$ 3024 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3252 $t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]$ 3480 t_CmnVehSpd_Kph_u9p7[0] 12800 t CmnVehSpd Kph u9p7[1] 12928 $t_CmnVehSpd_Kph_u9p7[2]$ 13056 13184 t CmnVehSpd Kph u9p7[3] t_CmnVehSpd_Kph_u9p7[4] 13312 t_CmnVehSpd_Kph_u9p7[5] 13440 t_CmnVehSpd_Kph_u9p7[6] 13568 t_CmnVehSpd_Kph_u9p7[7] 13696 t_CmnVehSpd_Kph_u9p7[8] 13824 13952 t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] 14080 t_CmnVehSpd_Kph_u9p7[11] 14208 t_DmpADDCoefX_MtrNm_u4p12[0] 20890 t_DmpADDCoefX_MtrNm_u4p12[1] 21299 21709 t DmpADDCoefX MtrNm u4p12[2] t_DmpADDCoefX_MtrNm_u4p12[3] 22118 t DmpADDCoefX MtrNm u4p12[4] 22528 t_DmpADDCoefX_MtrNm_u4p12[5] 22938 t_DmpADDCoefX_MtrNm_u4p12[6] 23347 t DmpADDCoefX_MtrNm_u4p12[7] 23757 t_DmpADDCoefX_MtrNm_u4p12[8] 24166 t_DmpADDCoefX_MtrNm_u4p12[9] 24576 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] 1608 t FDD ADDStaticTblY MtrNmpRadpS um1p17[1] 2032 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] 2455 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 t FDD ADDStaticTblY MtrNmpRadpS um1p17[8] 4995 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] 5419 t_FDD_BlendTblY_Uls_u8p8[0] 144 t_FDD_BlendTblY_Uls_u8p8[1] 146 t_FDD_BlendTblY_Uls_u8p8[2] 149 t_FDD_BlendTblY_Uls_u8p8[3] 152 t_FDD_BlendTblY_Uls_u8p8[4] 154 t_FDD_BlendTblY_Uls_u8p8[5] 157 t_FDD_BlendTblY_Uls_u8p8[6] 159 t_FDD_BlendTblY_Uls_u8p8[7] 162 t_FDD_BlendTblY_Uls_u8p8[8] 164 t_FDD_BlendTblY_Uls_u8p8[9] 167 t_FDD_BlendTblY_Uls_u8p8[10] 169 t_FDD_BlendTblY_Uls_u8p8[11] 172 t_RIAstWIRBIndTbIY_Uls_u2p14[0] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[1] 8192 $t_RIAstWIRBIndTbIY_Uls_u2p14[2]$ 9830 t_RIAstWIRBIndTbIY_Uls_u2p14[3] 11469 t_RIAstWIRBIndTblY_Uls_u2p14[4] 13107 t WIRBIndTbIX MtrNm u8p8[0] 1178 t_WIRBIndTbIX_MtrNm_u8p8[1] 1203 t WIRBIndTbIX MtrNm u8p8[2] 1229 t_WIRBIndTbIX_MtrNm_u8p8[3] 1254 t_WIRBIndTbIX_MtrNm_u8p8[4] 1280 Name **Actual Value Expected Value** Result ADDCoefCalc() 0.011896921 ± 0.00000009 0.0118969213





T				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_RIAstWIRBIndTblY_Uls_u2p14[0]	0		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	0		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	0		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	0		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	282		
t_WIRBIndTbIX_MtrNm_u8p8[1]	307		
t_WIRBIndTbIX_MtrNm_u8p8[2]	333		
t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
t_WIRBIndTbIX_MtrNm_u8p8[4]	384		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0136489868	0.013648987 ± 0.00000009	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	-

Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	7	
VehicleSpeed Kph T f32	300.25	
WIRCmdAmpBlnd_MtrNm_T_f32	3.2	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161	
	328	
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1] 2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][2]	494	
	661	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	827	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]		
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856	
CmnVehSpd_Kph_u9p7[0]	10368	
_CmnVehSpd_Kph_u9p7[1]	10496	
_CmnVehSpd_Kph_u9p7[2]	10624	
_CmnVehSpd_Kph_u9p7[3]	10752	
_CmnVehSpd_Kph_u9p7[4]	10880	
_CmnVehSpd_Kph_u9p7[5]	11008	
_CmnVehSpd_Kph_u9p7[6]	11136	
_CmnVehSpd_Kph_u9p7[7]	11264	
_CmnVehSpd_Kph_u9p7[8]	11392	
_CmnVehSpd_Kph_u9p7[9]	11520	
_CmnVehSpd_Kph_u9p7[10]	11648	
_CmnVehSpd_Kph_u9p7[11]	11776	
_DmpADDCoefX_MtrNm_u4p12[0]	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	
	31130	
DmpADDCoefX MtrNm u4p12[8]	31539	
DmpADDCoefX MtrNm u4p12[9]	31949	
FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	161	
:_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	328	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494	

ADDCoefCalc

ADDCoefCalc()

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0.015552461 ± 0.00000009

Name	Input Value		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827		
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_RIAstWIRBIndTblY_Uls_u2p14[0]	16384		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	16384		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	16384		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	16384		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	16384		
t_WIRBIndTbIX_MtrNm_u8p8[0]	538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t_WIRBIndTbIX_MtrNm_u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
Name	Actual Value	Expected Value	Result

Τ				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

0.0155524611

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

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ADDCoefCalc	2014-09-19, 16:47:23+0530	7	azorcat
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		
	36		
t_FDD_BlendTblY_Uls_u8p8[8]			
t_FDD_BlendTblY_Uls_u8p8[9]	38 41		
t_FDD_BlendTblY_Uls_u8p8[10]			
t_FDD_BlendTblY_Uls_u8p8[11]	44		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	4915 6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]			
t_RIAstWIRBIndTblY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Result
ADDCoofColo()	0.0353303003	0.0323303 + 0.0000000	

T				✓
Actual Function	Count	Expected Function	Count	Result
IntolVarVV u16 u16Vu16V Cot	5	IntolVarYV u16 u16Yu16V Cot	5	-

0.0253202002

0.0253202 ± 0.00000009

Test Step 1.32 (Repeat Count = 1)		✓
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	1.5	
VehicleSpeed_Kph_T_f32	324.14	
WIRCmdAmpBInd_MtrNm_T_f32	3.2	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1024	

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Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_DmpADDCoefX_MtrNm_u4p12[0]	8602		
t_DmpADDCoefX_MtrNm_u4p12[1]	9011		
t_DmpADDCoefX_MtrNm_u4p12[2]	9421		
t DmpADDCoefX MtrNm u4p12[3]	9830		
t_DmpADDCoefX_MtrNm_u4p12[4]	10240		
t DmpADDCoefX MtrNm u4p12[5]	10650		
t_DmpADDCoefX_MtrNm_u4p12[6]	11059		
t_DmpADDCoefX_MtrNm_u4p12[7]	11469		
t_DmpADDCoefX_MtrNm_u4p12[8]	11878		
t_DmpADDCoefX_MtrNm_u4p12[9]	12288		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659		
t_FDD_BlendTblY_Uls_u8p8[0]	116		
t_FDD_BlendTblY_Uls_u8p8[1]	118		
t_FDD_BlendTblY_Uls_u8p8[2]	121		
t_FDD_BlendTblY_Uls_u8p8[3]	123		
t_FDD_BlendTblY_Uls_u8p8[4]	126		
t_FDD_BlendTblY_Uls_u8p8[5]	129		
t_FDD_BlendTblY_Uls_u8p8[6]	131		
t_FDD_BlendTblY_Uls_u8p8[7]	134		
t_FDD_BlendTblY_Uls_u8p8[8]	136		
t_FDD_BlendTblY_Uls_u8p8[9]	139		
t_FDD_BlendTblY_Uls_u8p8[10]	141		
t_FDD_BlendTblY_Uls_u8p8[11]	144		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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()	0.00270421011	0.00270421 ± 0.000000009	~
		-	

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	~





Test Step 1.33 (Repeat Count = 1)	→
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-1.5
VehicleSpeed_Kph_T_f32	336
WIRCmdAmpBInd_MtrNm_T_f32	3.3
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1144 1254
t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3614 4129
t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640 32640
t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
t_DmpADDCoefX_MtrNm_u4p12[0]	12698
t_DmpADDCoefX_MtrNm_u4p12[1]	13107
t_DmpADDCoefX_MtrNm_u4p12[2]	13517
t_DmpADDCoefX_MtrNm_u4p12[3]	13926
t_DmpADDCoefX_MtrNm_u4p12[4]	14336
t_DmpADDCoefX_MtrNm_u4p12[5]	14746
t_DmpADDCoefX_MtrNm_u4p12[6] t_DmpADDCoefX_MtrNm_u4p12[7]	15155 15565
t_DmpADDCoefX_MtrNm_u4p12[8]	15974
t DmpADDCoefX MtrNm u4p12[9]	16384
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	1493 1659
t_FDD_BlendTblY_Uls_u8p8[0]	172
t_FDD_BlendTblY_Uls_u8p8[1]	174
t_FDD_BlendTblY_Uls_u8p8[2]	176
t_FDD_BlendTblY_Uls_u8p8[3]	178
t_FDD_BlendTblY_Uls_u8p8[4]	180
t_FDD_BlendTblY_Uls_u8p8[5]	183
t_FDD_BlendTblY_Uls_u8p8[6]	185
t_FDD_BlendTblY_Uls_u8p8[7]	187
t_FDD_BlendTblY_Uls_u8p8[8]	189
t_FDD_BlendTblY_Uls_u8p8[9]	191
t_FDD_BlendTblY_Uls_u8p8[10] t_FDD_BlendTblY_Uls_u8p8[11]	193 195
	3277
t RIAstWIRBIndTblY Uls u2p14[0]	
t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915
	4915 6554

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

T				✓	
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~	

Test Step 1.34 (Repeat Count = 1)		•
Name	Input Value	
BaseAssistCmd MtrNm T f32	2.9	
VehicleSpeed_Kph_T_f32	348.14	
WIRCmdAmpBInd_MtrNm_T_f32	3.4	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1087	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1188	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1288	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1389	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	1490	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1692	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1793	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1585	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1695	
t_CmnVehSpd_Kph_u9p7[0]	12800	
t_CmnVehSpd_Kph_u9p7[1]	12928	
t_CmnVehSpd_Kph_u9p7[2]	13056	
t_CmnVehSpd_Kph_u9p7[3]	13184	
t_CmnVehSpd_Kph_u9p7[4]	13312	
t_CmnVehSpd_Kph_u9p7[5]	13440	
t_CmnVehSpd_Kph_u9p7[6]	13568	
t_CmnVehSpd_Kph_u9p7[7]	13696	
t_CmnVehSpd_Kph_u9p7[8]	13824	
t_CmnVehSpd_Kph_u9p7[9]	13952	
t_CmnVehSpd_Kph_u9p7[10]	14080	
t_CmnVehSpd_Kph_u9p7[11]	14208	
t_DmpADDCoefX_MtrNm_u4p12[0]	16794	
t_DmpADDCoefX_MtrNm_u4p12[1]	17203	
t_DmpADDCoefX_MtrNm_u4p12[2]	17613	
t_DmpADDCoefX_MtrNm_u4p12[3]	18022	
t_DmpADDCoefX_MtrNm_u4p12[4]	18432	
t_DmpADDCoefX_MtrNm_u4p12[5]	18842	
t_DmpADDCoefX_MtrNm_u4p12[6]	19251	
t_DmpADDCoefX_MtrNm_u4p12[7]	19661	
t_DmpADDCoefX_MtrNm_u4p12[8]	20070	
t_DmpADDCoefX_MtrNm_u4p12[9]	20480	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[0]	218		
t_FDD_BlendTblY_Uls_u8p8[1]	220		
t_FDD_BlendTblY_Uls_u8p8[2]	223		
t_FDD_BlendTblY_Uls_u8p8[3]	225		
t_FDD_BlendTblY_Uls_u8p8[4]	227		
t_FDD_BlendTblY_Uls_u8p8[5]	230		
t_FDD_BlendTblY_Uls_u8p8[6]	232		
t_FDD_BlendTblY_Uls_u8p8[7]	234		
t_FDD_BlendTblY_Uls_u8p8[8]	237		
t_FDD_BlendTblY_Uls_u8p8[9]	239		
t_FDD_BlendTblY_Uls_u8p8[10]	241		
t_FDD_BlendTblY_Uls_u8p8[11]	243		
t_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]	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	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.35 (Repeat Count = 1)		•
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1692	
t2_FDD_ADDRollingTbIYM_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

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Name	Input Value		
t_DmpADDCoefX_MtrNm_u4p12[4]	22528		
t_DmpADDCoefX_MtrNm_u4p12[5]	22938		
t_DmpADDCoefX_MtrNm_u4p12[6]	23347		
t_DmpADDCoefX_MtrNm_u4p12[7]	23757		
t_DmpADDCoefX_MtrNm_u4p12[8]	24166		
t_DmpADDCoefX_MtrNm_u4p12[9]	24576		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159		
t_FDD_BlendTblY_Uls_u8p8[0]	0		
t_FDD_BlendTblY_Uls_u8p8[1]	0		
t_FDD_BlendTblY_Uls_u8p8[2]	0		
t_FDD_BlendTblY_Uls_u8p8[3]	0		
t_FDD_BlendTbIY_Uls_u8p8[4]	0		
t_FDD_BlendTblY_Uls_u8p8[5]	0		
t_FDD_BlendTblY_Uls_u8p8[6]	0		
t_FDD_BlendTblY_Uls_u8p8[7]	0		
t_FDD_BlendTblY_Uls_u8p8[8]	0		
t_FDD_BlendTblY_Uls_u8p8[9]	0		
t_FDD_BlendTblY_Uls_u8p8[10]	0		
t_FDD_BlendTblY_Uls_u8p8[11]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
Name	Actual Value	Expected Value	Resul
ADDCoefCalc()	0.00399017334	0.003990173 ± 0.000000009	

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.36 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-3.69
VehicleSpeed_Kph_T_f32	372.14
WIRCmdAmpBlnd_MtrNm_T_f32	3.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387

ADDCoefCalc

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Name	Input Value
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	24986
t_DmpADDCoefX_MtrNm_u4p12[1]	25395
t_DmpADDCoefX_MtrNm_u4p12[2]	25805
t_DmpADDCoefX_MtrNm_u4p12[3]	26214
t_DmpADDCoefX_MtrNm_u4p12[4]	26624
t_DmpADDCoefX_MtrNm_u4p12[5]	27034
t_DmpADDCoefX_MtrNm_u4p12[6]	27443
t_DmpADDCoefX_MtrNm_u4p12[7]	27853
t_DmpADDCoefX_MtrNm_u4p12[8]	28262
t_DmpADDCoefX_MtrNm_u4p12[9]	28672
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	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
t EDD ADDStaticThly MtrNmpPadpS um1p17f61	1364

ADDCoefCalc()	0.00827023014	0.00827023 ± 0.000000009	✓
Name	Actual Value	Expected Value	Result
		Francis de l'Africa	B
t_WIRBIndTblX_MtrNm_u8p8[4]	512		
t_WIRBIndTbIX_MtrNm_u8p8[2] t WIRBIndTbIX_MtrNm_u8p8[3]	461 486		
t_WIRBIndTblX_MtrNm_u8p8[1]	435		
t_WIRBIndTbIX_MtrNm_u8p8[0]	410		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	14746		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
t_FDD_BlendTblY_Uls_u8p8[11]	256		
t_FDD_BlendTblY_Uls_u8p8[10]	256		
t_FDD_BlendTblY_Uls_u8p8[9]	256		
t_FDD_BlendTblY_Uls_u8p8[8]	256		
t_FDD_BlendTblY_Uls_u8p8[7]	256		
t_FDD_BlendTblY_Uls_u8p8[6]	256		
t_FDD_BlendTblY_Uls_u8p8[5]	256		
t_FDD_BlendTblY_Uls_u8p8[4]	256		
t_FDD_BlendTblY_Uls_u8p8[3]	256		
t_FDD_BlendTblY_Uls_u8p8[2]	256		
t_FDD_BlendTblY_Uls_u8p8[1]	256		
t_FDD_BlendTblY_Uls_u8p8[0]	256		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704		
t_DmpADDCoefX_MtrNm_u4p12[9]	28672		
t_DmpADDCoefX_MtrNm_u4p12[8]	28262		
t_DmpADDCoefX_MtrNm_u4p12[7]	27853		
t_DmpADDCoefX_MtrNm_u4p12[6]	27443		
t_DmpADDCoefX_MtrNm_u4p12[5]	27034		
t_DmpADDCoefX_MtrNm_u4p12[4]	26624		
t_DmpADDCoefX_MtrNm_u4p12[3]	26214		
t_DmpADDCoefX_MtrNm_u4p12[2]	25805		
t_DmpADDCoefX_MtrNm_u4p12[1]	25395		
t_DmpADDCoefX_MtrNm_u4p12[0]	24986		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[6]	10240		

T				
Actual Function	Count	Expected Function	Count	Result
IntolVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	_

Test Step 1.37 (Repeat Count = 1)		V
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3.9	
VehicleSpeed_Kph_T_f32	384.25	
WIRCmdAmpBInd_MtrNm_T_f32	3.7	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112	

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71BBCCC1Ca1c		(11111111111111111111111111111111111111
Name	Input Value	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	2796	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030	
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 4774	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] t_CmnVehSpd_Kph_u9p7[0]	12800	
t_CmnVehSpd_Kph_u9p7[1]	12928	
t_CmnVehSpd_Kph_u9p7[2]	13056	
t CmnVehSpd Kph u9p7[3]	13184	
t_CmnVehSpd_Kph_u9p7[4]	13312	
t CmnVehSpd Kph u9p7[5]	13440	
t_CmnVehSpd_Kph_u9p7[6]	13568	
t_CmnVehSpd_Kph_u9p7[7]	13696	
t_CmnVehSpd_Kph_u9p7[8]	13824	
t_CmnVehSpd_Kph_u9p7[9]	13952	
t_CmnVehSpd_Kph_u9p7[10]	14080	
t_CmnVehSpd_Kph_u9p7[11]	14208	
t_DmpADDCoefX_MtrNm_u4p12[0]	28262	
t_DmpADDCoefX_MtrNm_u4p12[1]	28672	
t_DmpADDCoefX_MtrNm_u4p12[2]	29082	
t_DmpADDCoefX_MtrNm_u4p12[3]	29491	
t_DmpADDCoefX_MtrNm_u4p12[4]	29901	
t_DmpADDCoefX_MtrNm_u4p12[5]	30310	
t_DmpADDCoefX_MtrNm_u4p12[6]	30720	
t_DmpADDCoefX_MtrNm_u4p12[7]	31130	
t_DmpADDCoefX_MtrNm_u4p12[8]	31539	
t_DmpADDCoefX_MtrNm_u4p12[9]	31949	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087 1188	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793	
t FDD BlendTblY Uls u8p8[0]	116	
t_FDD_BlendTblY_Uls_u8p8[1]	118	
t_FDD_BlendTblY_Uls_u8p8[2]	121	
t_FDD_BlendTblY_Uls_u8p8[3]	123	
t_FDD_BlendTblY_Uls_u8p8[4]	126	
t_FDD_BlendTblY_Uls_u8p8[5]	129	
t_FDD_BlendTblY_Uls_u8p8[6]	131	
t_FDD_BlendTblY_Uls_u8p8[7]	134	
t_FDD_BlendTblY_Uls_u8p8[8]	136	
t_FDD_BlendTblY_Uls_u8p8[9]	139	
t_FDD_BlendTblY_Uls_u8p8[10]	141	
t_FDD_BlendTblY_Uls_u8p8[11]	144	
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554	
t_RIAstWIRBIndTbIY_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]	666	
t_WIRBIndTbIX_MtrNm_u8p8[1]	691	
t_WIRBIndTblX_MtrNm_u8p8[2]	717	
t_WIRBIndTblX_MtrNm_u8p8[3]	742 768	
t_WIRBIndTbIX_MtrNm_u8p8[4]		ated Value
Name ADDCoofColo()		cted Value Resul
ADDCoefCalc()	0.00845662132 0.0084	456621 ± 0.000000009

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Т				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

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GenFddlcCmd

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 %
	100 %

Statistics

Total Testcases



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

Specification

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

CPU Cycles:

TS1.1 362.00 Cycles TS1.2 362.00 Cycles

Description

Test Vector Description:

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

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

T				✓
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

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

GenFddlcCmd

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Test Case 2: Boundary Test

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GenFddlcCmd



Specification

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

CPU Cycles:

_	
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
                                  t_FDD_AttenTblX_MtrRadpS_u12p4[2] = min
t_FDD_AttenTblX_MtrRadpS_u12p4[2] = max
t_FDD_AttenTblY_Uls_u8p8[2] = min
t_FDD_AttenTblY_Uls_u8p8[2] = max
t_FDD_AttenTblY_Uls_u8p8[2] = mid
    TS2.47
    TS2.48
TS2.49
```

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

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt

Count Result





Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	8.8		
Prev1ScIDrvVel_RadpS_M_f32	12917.3		
Prev2PreAttnComp_MtrNm_M_f32	8.8		
Prev2SclDrvVel_RadpS_M_f32	12917.3		
ScaledDriverVel_MtrRadpS_T_f32	7226.652		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600		
t_FDD_AttenTblY_Uls_u8p8[0]	256		
t_FDD_AttenTblY_Uls_u8p8[1]	256		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.411114052		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.9498924		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417266		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056849		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	2046.13135	2046.131531 ± 0.009	~
Prev1PreAttnComp_MtrNm_M_f32	2046.13135	2046.131531 ± 0.009	~
Prev1ScIDrvVel_RadpS_M_f32	7226.65186	7226.652 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.8 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.3 ± 0.00390625	~

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

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.1		
Prev1SclDrvVel_RadpS_M_f32	22.2		
Prev2PreAttnComp_MtrNm_M_f32	7.3		
Prev2SclDrvVel_RadpS_M_f32	10		
ScaledDriverVel_MtrRadpS_T_f32	-7226.652		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320		
t_FDD_AttenTblY_Uls_u8p8[0]	49		
t_FDD_AttenTblY_Uls_u8p8[1]	51		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.024534		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.124564		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0000456		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.0453		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3242		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54523		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.330669165	-0.330669151 ± 0.0000009	
Prev1PreAttnComp_MtrNm_M_f32	-1.6598295	-1.659829464 ± 0.000009	✓
Prev1ScIDrvVel_RadpS_M_f32	-7226.65186	-7226.652 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	22.2000008	22.2 ± 0.00390625	~

T				✓
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	
Prev1ScIDrvVel_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_Uls_T_Str	

GenFddlcCmd

Prev2SclDrvVel_RadpS_M_f32

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-4.21 ± 0.00390625

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	~

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

-4.21000004

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	6.6		
Prev1SclDrvVel_RadpS_M_f32	26.1		
Prev2PreAttnComp_MtrNm_M_f32	8.3		
Prev2SclDrvVel_RadpS_M_f32	17.03		
ScaledDriverVel_MtrRadpS_T_f32	0		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1088		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1120		
t_FDD_AttenTblY_Uls_u8p8[0]	129		
t_FDD_AttenTblY_Uls_u8p8[1]	131		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.006363		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2574		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00145		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.55765		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.7898		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.8534		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.782138526	0.78213851 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.55215085	1.552150842 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	0	0 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.6 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	26.1000004	26.1 ± 0.00390625	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
IntolVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	

Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-2.2	
Prev1ScIDrvVel RadpS M f32	-16.66	
Prev2PreAttnComp MtrNm M f32	-5.2	
Prev2ScIDrvVel_RadpS_M_f32	-3	
ScaledDriverVel_MtrRadpS_T_f32	10.2	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560	
t_FDD_AttenTblY_Uls_u8p8[0]	116	
t_FDD_AttenTblY_Uls_u8p8[1]	118	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02345	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.15457	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.1	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.766645	

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GenFddlcCmd

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	✓
Prev1ScIDrvVel_RadpS_M_f32	10.1999998	10.2 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.2 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-16.6599998	-16.66 ± 0.00390625	~

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

Test Step 2.7 (Repeat Count = 1)			V
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	3.3		
Prev1SclDrvVel_RadpS_M_f32	26.45		
Prev2PreAttnComp_MtrNm_M_f32	5.2		
Prev2SclDrvVel_RadpS_M_f32	17.12		
ScaledDriverVel_MtrRadpS_T_f32	-10.3		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560		
t_FDD_AttenTblY_Uls_u8p8[0]	144		
t_FDD_AttenTblY_Uls_u8p8[1]	146		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03123		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.16878		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.2		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.27867		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.24234		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67452		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-1.8318522	-1.831852049 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-3.25662613	-3.256625864 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-10.3000002	-10.3 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	3.2999995	3.3 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	26.4500008	26.45 ± 0.00390625	✓

T				V
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	

Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt



Count Result

Τ				•
Actual Function	Count	Expected Function	Count	Resulf
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	•

Test Step 2.9 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	4.4		
Prev1SclDrvVel_RadpS_M_f32	1234.56		
Prev2PreAttnComp_MtrNm_M_f32	2.3		
Prev2SclDrvVel_RadpS_M_f32	4678.14		
ScaledDriverVel_MtrRadpS_T_f32	-2.8		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	768		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	800		
t_FDD_AttenTblY_Uls_u8p8[0]	218		
t_FDD_AttenTblY_Uls_u8p8[1]	220		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.184534		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.9		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.92453		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.535		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.452345		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	21.4257507	21.42575176 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	25.1605148	25.16051583 ± 0.00009	✓
Prev1SclDrvVel_RadpS_M_f32	-2.79999995	-2.8 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	4.4000001	4.4 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	1234.56006	1234.56 ± 0.00390625	✓

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

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		
Prev2ScIDrvVel_RadpS_M_f32	-15		
ScaledDriverVel_MtrRadpS_T_f32	3.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	784		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	880		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.003467		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.1945645		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.9		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.823423		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.78987		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.6345		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.823069274	-0.82306927 ± 0.0000009	•
Prev1PreAttnComp_MtrNm_M_f32	-3.34453535	-3.344535448 ± 0.000009	
Prev1SclDrvVel_RadpS_M_f32	3.5	3.5 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	-4.4 ± 0.00048828125	
Prev2ScIDrvVel RadpS M f32	-27.5499992	-27.55 ± 0.00390625	

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt

Count Result





Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	5.5		
Prev1SclDrvVel_RadpS_M_f32	6789.565		
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	✓
Prev1SclDrvVel_RadpS_M_f32	-3.9000001	-3.9 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	5.5	5.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	6789.56494	6789.565 ± 0.00390625	✓

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

Test Step 2.12 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-5.5		
Prev1SclDrvVel_RadpS_M_f32	-37.15		
Prev2PreAttnComp_MtrNm_M_f32	-8.3		
Prev2ScIDrvVel_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	~
Prev1SclDrvVel_RadpS_M_f32	1444.09998	1444.1 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-5.5	-5.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-37.1500015	-37.15 ± 0.00390625	~

T				✓
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
Prev1ScIDrvVel_RadpS_M_f32	26.1
Prev2PreAttnComp_MtrNm_M_f32	8.3
Prev2ScIDrvVel_RadpS_M_f32	17.03
ScaledDriverVel_MtrRadpS_T_f32	-2234.7
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

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GenFddlcCmd

Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1088		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1120		
t_FDD_AttenTblY_Uls_u8p8[0]	129		
t_FDD_AttenTblY_Uls_u8p8[1]	131		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.006363		
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	✓

T					
Actual Function	Count	Expected Function	Count	Res	ult
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		•

Test Step 2.14 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-6.6		
Prev1ScIDrvVel_RadpS_M_f32	-33.1		
Prev2PreAttnComp_MtrNm_M_f32	-7.5		
Prev2ScIDrvVel_RadpS_M_f32	-22.04		
ScaledDriverVel_MtrRadpS_T_f32	1555.6		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1152		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1200		
t_FDD_AttenTblY_Uls_u8p8[0]	157		
t_FDD_AttenTblY_Uls_u8p8[1]	161		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745745		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2454		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.160083862		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.44564		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53524		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.254		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-18.191328	-18.1913286 ± 0.00009	•
Prev1PreAttnComp_MtrNm_M_f32	-28.9253426	-28.92534236 ± 0.00009	✓
Prev1SclDrvVel_RadpS_M_f32	1555.59998	1555.6 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999	-6.6 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	-33.0999985	-33.1 ± 0.00390625	~

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

Name	Input Value	
Prev1PreAttnComp MtrNm M f32	7.7	
Prev1ScIDrvVel RadpS M f32	18	
Prev2PreAttnComp MtrNm M f32	7.5	
Prev2SclDrvVel RadpS M f32	28.01	
ScaledDriverVel_MtrRadpS_T_f32	-5.8	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1232	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1280	
t_FDD_AttenTblY_Uls_u8p8[0]	183	
t_FDD_AttenTblY_Uls_u8p8[1]	185	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00864	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.31545	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.411114052	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.3454	

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Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.6353		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.63432		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.29496682	1.294967011 ± 0.000009	✓
Prev1PreAttnComp_MtrNm_M_f32	1.81153834	1.811538551 ± 0.000009	✓
Prev1ScIDrvVel_RadpS_M_f32	-5.80000019	-5.8 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	7.69999981	7.7 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	18	18 ± 0.00390625	~

T					
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	✓
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	~

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

Test Step 2.17 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.5		
Prev1SclDrvVel_RadpS_M_f32	24.06		
Prev2PreAttnComp_MtrNm_M_f32	6.5		
Prev2SclDrvVel_RadpS_M_f32	32.56		
ScaledDriverVel_MtrRadpS_T_f32	-6.3		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1344		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1440		
t_FDD_AttenTblY_Uls_u8p8[0]	71		
t_FDD_AttenTblY_Uls_u8p8[1]	74		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00365		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.26745		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00006456		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.5525885		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.4564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.134534		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.371916622	0.371916637 ± 0.0000009	•
Prev1PreAttnComp_MtrNm_M_f32	1.34099519	1.340995197 ± 0.000009	~
Prev1ScIDrvVel_RadpS_M_f32	-6.30000019	-6.3 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	24.0599995	24.06 ± 0.00390625	~





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

Test Step 2.18 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-1.5		
Prev1ScIDrvVel_RadpS_M_f32	-16.05		
Prev2PreAttnComp_MtrNm_M_f32	-4.5		
Prev2SclDrvVel_RadpS_M_f32	-25.25		
ScaledDriverVel_MtrRadpS_T_f32	7.4		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_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	~
Prev2ScIDrvVel_RadpS_M_f32	-16.0499992	-16.05 ± 0.00390625	✓

T .			✓	
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
T 1 2 12 12 1 1 1 1 2 1 1		1 4 1 2 2 2 1 2 1 2 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		
Prev2ScIDrvVel_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	✓
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	~

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



Test Step 2.20 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-2.5		
Prev1SclDrvVel_RadpS_M_f32	-69.4		
Prev2PreAttnComp_MtrNm_M_f32	-3.5		
Prev2SclDrvVel_RadpS_M_f32	-59.65		
ScaledDriverVel_MtrRadpS_T_f32	1500.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1680		
t_FDD_AttenTblY_Uls_u8p8[0]	136		
t_FDD_AttenTblY_Uls_u8p8[1]	139		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03452		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2956		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00053453		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.6345		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9996842		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.84563		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.45213747	-2.452137655 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-4.51616669	-4.516167192 ± 0.000009	•
Prev1SclDrvVel_RadpS_M_f32	1500.02002	1500.02 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-69.4000015	-69.4 ± 0.00390625	~

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

Test Step 2.21 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-3.5		
Prev1SclDrvVel_RadpS_M_f32	-49.65		
Prev2PreAttnComp_MtrNm_M_f32	-2.4		
Prev2SclDrvVel_RadpS_M_f32	-36.5		
ScaledDriverVel_MtrRadpS_T_f32	2500.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1728		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1760		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.043453		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2945		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00135		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.73453		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417266		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.2325		
Name	Actual Value	Expected Value	Result
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	~

T				✓
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

Prev2SclDrvVel_RadpS_M_f32

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22.54 ± 0.00390625

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	~
Prev1ScIDrvVel_RadpS_M_f32	-2500.08008	-2500.08 ± 0.00390625	•
Prev2PreAttnComp MtrNm M f32	4.5	4.5 ± 0.00048828125	✓

T					V
Actual Function	Count	Expected Function	Count	Res	ult
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		•

22.5400009

Test Step 2.23 (Repeat Count = 1)			V
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-4.5		
Prev1ScIDrvVel_RadpS_M_f32	-48.54		
Prev2PreAttnComp_MtrNm_M_f32	-1.1		
Prev2ScIDrvVel_RadpS_M_f32	-38.54		
ScaledDriverVel_MtrRadpS_T_f32	3500.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	160		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1920		
t_FDD_AttenTblY_Uls_u8p8[0]	237		
t_FDD_AttenTblY_Uls_u8p8[1]	239		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01123		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.30564		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00023453		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.95464		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.345345		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.0504234		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-9.47003937	-9.470039831 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-10.1436405	-10.14364099 ± 0.00009	✓
Prev1SclDrvVel_RadpS_M_f32	3500.06006	3500.06 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	-
Prev2ScIDrvVel_RadpS_M_f32	-48.5400009	-48.54 ± 0.00390625	-

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

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	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
_FDD_AttenTblX_MtrRadpS_u12p4[1]	2000
t_FDD_AttenTblY_Uls_u8p8[0]	49
_FDD_AttenTblY_Uls_u8p8[1]	51
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02123
gt_filtCoef_Uls_T_Str.b1_Uls_f32	0.31564
gt_filtCoef_Uls_T_Str.b2_Uls_f32	2.1
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.05678

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Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53454		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056849		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.37899768	1.378997719 ± 0.000009	✓
Prev1PreAttnComp_MtrNm_M_f32	7.20455933	7.204559509 ± 0.000009	✓
Prev1ScIDrvVel_RadpS_M_f32	-3.01999998	-3.02 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	163.649994	163.65 ± 0.00390625	~

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

Test Step 2.25 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-6.5		
Prev1ScIDrvVel_RadpS_M_f32	-90.36		
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	✓
Prev2SclDrvVel_RadpS_M_f32	-90.3600006	-90.36 ± 0.00390625	✓

T				V
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	



Count Result

GenFddlcCmd

Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt

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

Test Step 2.27 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-7.5		
Prev1SclDrvVel_RadpS_M_f32	250.45		
Prev2PreAttnComp_MtrNm_M_f32	-7.7		
Prev2SclDrvVel_RadpS_M_f32	12917.3		
ScaledDriverVel_MtrRadpS_T_f32	-39.07		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	224		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2240		
t_FDD_AttenTblY_Uls_u8p8[0]	116		
t_FDD_AttenTblY_Uls_u8p8[1]	118		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.005534		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.25856		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.65		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.3678		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.734		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.245645		
Name	Actual Value	Expected Value	Result
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

Name	Input Value	
Prev1PreAttnComp MtrNm M f32	8.5	
Prev1SclDrvVel RadpS M f32	5000.65	
Prev2PreAttnComp MtrNm M f32	7.7	
Prev2ScIDrvVel RadpS M f32	0	
ScaledDriverVel MtrRadpS T f32	6075.09	
filtCoef_UIs_T_Str	tgt_filtCoef_UIs_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 Expecto	ed Value Resu
GenFddlcCmd()	452.265015 452.2649	9718 ± 0.0009
Prev1PreAttnComp_MtrNm_M_f32	793.012634 793.0126	5532 ± 0.0009
Prev1SclDrvVel_RadpS_M_f32	6075.08984 6075.09	± 0.00390625
Prev2PreAttnComp_MtrNm_M_f32	8.5 ± 0.0	00048828125
Prev2SclDrvVel_RadpS_M_f32	5000.6499 5000.65	± 0.00390625

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	



Test Step 2.29 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-8.5		
Prev1SclDrvVel_RadpS_M_f32	-26.65		
Prev2PreAttnComp_MtrNm_M_f32	-6.6		
Prev2ScIDrvVel_RadpS_M_f32	-10.12		
ScaledDriverVel_MtrRadpS_T_f32	6.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	256		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2400		
t_FDD_AttenTblY_Uls_u8p8[0]	172		
t_FDD_AttenTblY_Uls_u8p8[1]	174		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.268567		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.24		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.5768		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.000456		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.4766		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-5.66504765	-5.665048067 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.4316988	-8.431699448 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	6.01999998	6.02 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	-26.6499996	-26.65 ± 0.00390625	✓

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

Test Step 2.30 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.3		
Prev1ScIDrvVel_RadpS_M_f32	18.6		
Prev2PreAttnComp_MtrNm_M_f32	6.6		
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	✓
Prev1SclDrvVel_RadpS_M_f32	-6.05999994	-6.06 ± 0.00390625	-
Prev2PreAttnComp_MtrNm_M_f32	1.2999995	1.3 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	18.6000004	18.6 ± 0.00390625	~

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	_

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

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	1		
Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	288		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2560		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00845		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.000564		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.78		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.745		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.6786		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.722379088	0.722378984 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	2.93538165	2.935381268 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-4.01999998	-4.02 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.2999995	1.3 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	-12917.3 ± 0.00390625	~

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

Test Step 2.32 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.3		
Prev1SclDrvVel_RadpS_M_f32	12917.3		
Prev2PreAttnComp_MtrNm_M_f32	5.5		
Prev2ScIDrvVel_RadpS_M_f32	-2000.1		
ScaledDriverVel_MtrRadpS_T_f32	-1.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	304		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2640		
t_FDD_AttenTblY_Uls_u8p8[0]	78		
t_FDD_AttenTblY_Uls_u8p8[1]	80		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00945		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.000654		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.02		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.8453		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.873453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.15645		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.61534405	1.615344 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	5.30164194	5.301641847 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-1.04999995	-1.05 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	2.29999995	2.3 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.3 ± 0.00390625	~

T				V
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

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Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.534		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.74564		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.96688271	-2.966882443 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-7.1653018	-7.165300993 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	2.05999994	2.06 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995	-2.3 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	0	0 ± 0.00390625	✓

Т				
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	~

T				V
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	



Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt



Count Result

Τ				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-

Test Step 2.36 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-8.8		
Prev1SclDrvVel_RadpS_M_f32	-1000.4		
Prev2PreAttnComp_MtrNm_M_f32	-5.5		
Prev2SclDrvVel_RadpS_M_f32	-7500.6		
ScaledDriverVel_MtrRadpS_T_f32	-3.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2960		
t_FDD_AttenTblY_Uls_u8p8[0]	183		
t_FDD_AttenTblY_Uls_u8p8[1]	185		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.044564		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.32555		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.002342		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.2454		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.3423		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-3.7178309	-3.71783362 ± 0.000009	✓
Prev1PreAttnComp_MtrNm_M_f32	-5.20090008	-5.200903862 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	-3.04999995	-3.05 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.8 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-1000.40002	-1000.4 ± 0.00390625	~

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

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_UIs_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2400	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3040	
t_FDD_AttenTblY_Uls_u8p8[0]	230	
t_FDD_AttenTblY_Uls_u8p8[1]	232	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.053534	
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 ± 0.0000	09
Prev1PreAttnComp_MtrNm_M_f32	6.12679434 6.126796132 ± 0.00	0009
Prev1SclDrvVel_RadpS_M_f32	4.05000019 4.05 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	8.80000019 8.8 ± 0.0004882812	5
Prev2ScIDrvVel_RadpS_M_f32	980.599976 980.6 ± 0.00390625	•

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt

Count Result





Test Step 2.38 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	0		
Prev1SclDrvVel_RadpS_M_f32	-1000		
Prev2PreAttnComp_MtrNm_M_f32	2.2		
Prev2SclDrvVel_RadpS_M_f32	-5000.41		
ScaledDriverVel_MtrRadpS_T_f32	-4.8		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2560		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3120		
t_FDD_AttenTblY_Uls_u8p8[0]	71		
t_FDD_AttenTblY_Uls_u8p8[1]	74		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.042342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27566		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.001535		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.456		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.84564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.42342		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.99402881	-2.994028926 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-10.7953711	-10.7953719 ± 0.00009	✓
Prev1SclDrvVel_RadpS_M_f32	-4.80000019	-4.8 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	0	0 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-1000	-1000 ± 0.00390625	✓

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

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

T				✓
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	
Prev2ScIDrvVel_RadpS_M_f32	9000.45	
ScaledDriverVel_MtrRadpS_T_f32	2557	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	

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

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

Test Step 2.41 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	4.6		
Prev1SclDrvVel_RadpS_M_f32	-1500.06		
Prev2PreAttnComp_MtrNm_M_f32	-8.8		
Prev2SclDrvVel_RadpS_M_f32	-9000.11		
ScaledDriverVel_MtrRadpS_T_f32	1646.7		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	3040		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3360		
t_FDD_AttenTblY_Uls_u8p8[0]	136		
t_FDD_AttenTblY_Uls_u8p8[1]	139		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0063		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.11345		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000234		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.7765		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.34534		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.73523		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-4.42373562	-4.423735974 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.14731121	-8.147312297 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	1646.69995	1646.7 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.5999999	4.6 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-1500.06006	-1500.06 ± 0.00390625	✓

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

Test Step 2.42 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-4.6
Prev1SclDrvVel_RadpS_M_f32	600.07
Prev2PreAttnComp_MtrNm_M_f32	8.8
Prev2SclDrvVel_RadpS_M_f32	9900.65
ScaledDriverVel_MtrRadpS_T_f32	-6.8
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1920
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3440
t_FDD_AttenTblY_Uls_u8p8[0]	63
t_FDD_AttenTblY_Uls_u8p8[1]	66
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.15645
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.25
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.84564

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Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.4342		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.845		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-1.46749699	-1.467496866 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-5.96316242	-5.96316187 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-6.80000019	-6.8 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.5999999	-4.6 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	600.070007	600.07 ± 0.00390625	~

T				
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	~
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	~

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

Test Step 2.44 (Repeat Count = 1)			•
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-5.7		
Prev1SclDrvVel_RadpS_M_f32	-9000.015		
Prev2PreAttnComp_MtrNm_M_f32	-5.25		
Prev2SclDrvVel_RadpS_M_f32	-6000.12		
ScaledDriverVel_MtrRadpS_T_f32	-23.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3600		
t_FDD_AttenTblY_Uls_u8p8[0]	237		
t_FDD_AttenTblY_Uls_u8p8[1]	239		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03234		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0156		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.36		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.0674		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.458349		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.143		
Name	Actual Value	Expected Value	Result
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	-5.6999981	-5.7 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-9000.01465	-9000.015 ± 0.00390625	-



Τ				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-

Test Step 2.45 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	6.8		
Prev1SclDrvVel_RadpS_M_f32	600.09		
Prev2PreAttnComp_MtrNm_M_f32	5.25		
Prev2SclDrvVel_RadpS_M_f32	9000.62		
ScaledDriverVel_MtrRadpS_T_f32	34.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2400		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3680		
t_FDD_AttenTblY_Uls_u8p8[0]	230		
t_FDD_AttenTblY_Uls_u8p8[1]	232		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00645		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.16777		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.54		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.14564		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.864935		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.74564		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	9.78774643	9.78774586664643 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	10.894187	10.8941867037456 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	34.0600014	34.06 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	6.80000019	6.8 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	600.090027	600.09 ± 0.00390625	~

T					V
Actual Function	Count	Expected Function	Count	Resu	ılt
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		•

Test Step 2.46 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.5		
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	~
Prev2SclDrvVel_RadpS_M_f32	-400.049988	-400.05 ± 0.00390625	~

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





Test Step 2.47 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-1.5		
Prev1SclDrvVel_RadpS_M_f32	289.65		
Prev2PreAttnComp_MtrNm_M_f32	-5.2		
Prev2ScIDrvVel_RadpS_M_f32	8563.3		
ScaledDriverVel_MtrRadpS_T_f32	-4.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600		
t_FDD_AttenTbIX_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	~

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

Test Step 2.48 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.5		
Prev1SclDrvVel_RadpS_M_f32	-150		
Prev2PreAttnComp_MtrNm_M_f32	5.2		
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	✓
Prev1ScIDrvVel_RadpS_M_f32	5266.06006	5266.06 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	-150	-150 ± 0.00390625	~

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	_

Test Step 2.49 (Repeat Count = 1)		✓
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-2.5	
Prev1SclDrvVel_RadpS_M_f32	-2341.03	
Prev2PreAttnComp_MtrNm_M_f32	-2.3	
Prev2SclDrvVel_RadpS_M_f32	9782.2	
ScaledDriverVel_MtrRadpS_T_f32	4585.02	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	

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

T					V
Actual Function	Count	Expected Function	Count	Res	ult
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		•

Test Step 2.50 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-3.5		
Prev1SclDrvVel_RadpS_M_f32	500.012		
Prev2PreAttnComp_MtrNm_M_f32	2.3		
Prev2SclDrvVel_RadpS_M_f32	12000		
ScaledDriverVel_MtrRadpS_T_f32	3.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1632		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3696		
t_FDD_AttenTblY_Uls_u8p8[0]	256		
t_FDD_AttenTblY_Uls_u8p8[1]	256		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00845		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3036		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.5		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.745		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.64564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67452		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	4.95908308	4.959080803 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	4.95908308	4.959080803 ± 0.000009	~
Prev1ScIDrvVel_RadpS_M_f32	3.01999998	3.02 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	500.011993	500.012 ± 0.00390625	~

T				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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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	~

T				V
Actual Function	Count	Expected Function	Count	Result
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 pos TS1.6 VehicleSpeed2_Kph_T_f32 min TS1.7 VehicleSpeed2_Kph_T_f32 min TS1.7 VehicleSpeed2_Kph_T_f32 pos TS1.8 VehicleSpeed2_Kph_T_f32 pos TS1.9 WIRCmdAmpBInd1_MtrNm_T_f32 min TS1.10 WIRCmdAmpBInd1_MtrNm_T_f32 max TS1.11 WIRCmdAmpBInd1_MtrNm_T_f32 pos TS1.12 t_CmnVehSpd_Kph_u9p7[12] min TS1.13 t_CmnVehSpd_Kph_u9p7[12] max 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 TS1.17 t2_FDD_FreqTbIYM1_Hz_u12p4[12] max	
TS1.18 t2_FDD_FreqTblYM2_Hz_u12p4[12] min TS1.19 t2 FDD FreqTblYM2 Hz u12p4[12] max	
TS1.20 t2_FDD_FreqTblYM2_Hz_u12p4[12] pos TS1.21 t_WIRBIndTblX_MtrNm_u8p8[5] min	
TS1.22 t_WIRBIndTbIX_MtrNm_u8p8[5] max	
TS1.23 t_WIRBIndTbIX_MtrNm_u8p8[5] pos TS1.24 t_DmpFiltKpWIRBIndY_UIs_u2p14[5] min	
TS1.25 t_DmpFiltKpWIRBIndY_Uls_u2p14[5] max	
TS1.26 t_DmpFiltKpWIRBIndY_Uls_u2p14[5] pos TS1.27 t InrtCmp ScaleFactorTbIY Uls u9p7[12] min	
TS1.28 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[12] max	X
TS1.29 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[12] pos TS1.30 k InrtCmp MtrInertia KgmSq f32 min	
TS1.31 k_InrtCmp_MtrInertia_KgmSq_f32 max	
TS1.32 k_InrtCmp_MtrInertia_KgmSq_f32 pos	
Test Step 1.1 (Repeat Count = 1)	✓
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0
VehicleSpeed_Kph_T_f32	0
WIRCmdAmpBInd_MtrNm_T_f32	0
filtCoef_UIs_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_FreqTbIYM_Hz_u12p4[0][3]	16 16
t2_FDD_FreqTbIYM_Hz_u12p4[0][4] t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	16
t2 FDD FreqTbIYM Hz u12p4[0][7]	16
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	16
t2_FDD_FreqTblYM_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		
	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] t_CmnVehSpd_Kph_u9p7[5]	0		
	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] t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	0		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0		
t_WIRBIndTblX_MtrNm_u8p8[0]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
t_WIRBIndTbIX_MtrNm_u8p8[2]	0		
t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t_WIRBIndTblX_MtrNm_u8p8[4]	0		
Name	Actual Value	Expected Value	Resul
tgt filtCoef Uls T Str.b0 Uls f32	O Actual Value	· · · · · · · · · · · · · · · · · · ·	Resul
	0	0 ± 0.000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0	0 ± 0.000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32		0 ± 0.000009	
tgt_filtCoef_UIs_T_Str.a0_UIs_f32	3.94989252	3.949892431 ± 0.000009	
tgt_filtCoef_UIs_T_Str.a1_UIs_f32	-7.99968433	-7.999684173 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.05042315	4.050423396 ± 0.000009	

T					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~	

Test Step 1.2 (Repeat Count = 1)		✓
Name	Input Value	
ADDCoef_MtrNmSpRad_T_f32	0.041306	
VehicleSpeed_Kph_T_f32	511.9921875	
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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Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1600		
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	1600		
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1600		
t_CmnVehSpd_Kph_u9p7[0]	32640		
t_CmnVehSpd_Kph_u9p7[1]	32640		
t_CmnVehSpd_Kph_u9p7[2]	32640		
t_CmnVehSpd_Kph_u9p7[3]	32640		
t_CmnVehSpd_Kph_u9p7[4]	32640		
t_CmnVehSpd_Kph_u9p7[5]	32640		
t_CmnVehSpd_Kph_u9p7[6]	32640		
t_CmnVehSpd_Kph_u9p7[7]	32640		
t_CmnVehSpd_Kph_u9p7[8]	32640		
t_CmnVehSpd_Kph_u9p7[9]	32640		
t_CmnVehSpd_Kph_u9p7[10]	32640		
t_CmnVehSpd_Kph_u9p7[11]	32640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	16384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384		
t_WIRBIndTblX_MtrNm_u8p8[0]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[2]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[3]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2048		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.74156237	-2.741562052 ± 0.000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002	0.330448 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.41111422	2.411114052 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.552588403	0.552588458 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417263	-4.841726592 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056852	10.60568495 ± 0.00009	

T ·					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY u16 u16Xu16Y Cnt	4	IntplVarXY u16 u16Xu16Y Cnt	4	_	

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

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Name	Input Value		
WIRCmdAmpBlnd_MtrNm_T_f32	2.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00002		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	32		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	128 144		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]			
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	176 192		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	208		
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] t_CmnVehSpd_Kph_u9p7[5]	768		
	896		
t_CmnVehSpd_Kph_u9p7[6]	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_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]	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_InttCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t WIRBIndTbIX MtrNm u8p8[0]	282		
t_WIRBIndTblX_MtrNm_u8p8[1]	307		
t_WIRBIndTblX_MtrNm_u8p8[2]	333		
t_WIRBIndTblX_MtrNm_u8p8[3]	358		
t_WIRBIndTblX_MtrNm_u8p8[4]	384		
Name	Actual Value	Expected Value	Page
	-0.00059381465	Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0	-0.000593815 ± 0.0000000009 0 ± 0.000009	
tgt_filtCoof_UIs_T_Str.b1_UIs_f32			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00059381465	0.000593815 ± 0.00000000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.39635515	3.39635548 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.95065212	-7.950651978 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.65299273	4.652992542 ± 0.000009	

Т					
Actual Function	Count	Expected Function	Count	Res	ult
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4		~



Test Step 1.4 (Repeat Count = 1) Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.041306		
VehicleSpeed_Kph_T_f32	200.06		
WIRCmdAmpBlnd_MtrNm_T_f32	1.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00003		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	32		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][6] 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
tgt filtCoef Uls T Str.a2 Uls f32	4.69101954	4.691019911 ± 0.000009	✓

T				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~

est Step 1.5 (Repeat Count = 1)	Innut Value	
lame	Input Value	
DDCoef_MtrNmSpRad_T_f32 ehicleSpeed_Kph_T_f32	0.02 300.08	
/IRCmdAmpBind_MtrNm_T_f32	0.5	
tCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
_InrtCmp_MtrInertia_KgmSq_f32	0.00004	
P_FDD_FreqTblYM_Hz_u12p4[0][0]	48	
2_FDD_FreqTblYM_Hz_u12p4[0][1]	64	
P FDD FreqTblYM Hz u12p4[0][2]	80	
P_FDD_FreqTblYM_Hz_u12p4[0][3]	96	
P FDD FreqTblYM Hz u12p4[0][4]	112	
P_FDD_FreqTblYM_Hz_u12p4[0][5]	128	
P_FDD_FreqTblYM_Hz_u12p4[0][6]	144	
P_FDD_FreqTblYM_Hz_u12p4[0][7]	160	
P_FDD_FreqTblYM_Hz_u12p4[0][8]	176	
P_FDD_FreqTblYM_Hz_u12p4[0][9]	192	
2_FDD_FreqTblYM_Hz_u12p4[0][10]	208	
P_FDD_FreqTblYM_Hz_u12p4[0][11]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][0]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][1]	80	
P_FDD_FreqTblYM_Hz_u12p4[1][2]	96	
P_FDD_FreqTblYM_Hz_u12p4[1][3]	112	
P_FDD_FreqTblYM_Hz_u12p4[1][4]	128	
P_FDD_FreqTblYM_Hz_u12p4[1][5]	144	
P_FDD_FreqTblYM_Hz_u12p4[1][6]	160	
P_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	
P_FDD_FreqTblYM_Hz_u12p4[1][11]	240	
_CmnVehSpd_Kph_u9p7[0]	6784	
_CmnVehSpd_Kph_u9p7[1]	6912	
CmnVehSpd_Kph_u9p7[2]	7040 7168	
CmnVehSpd_Kph_u9p7[3]	7100	
CmnVehSpd_Kph_u9p7[4]	7424	
_CmnVehSpd_Kph_u9p7[5] _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	
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	
InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64	
InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77	
_InrtCmp_ScaleFactorTbIY_Uls_u9p7[4]	90	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179	
_WIRBIndTblX_MtrNm_u8p8[0]	794	
_WIRBIndTblX_MtrNm_u8p8[1]	819	
_WIRBIndTbIX_MtrNm_u8p8[2]	845	

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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	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0753288791	-0.075328884 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.31349587	3.313495926 ± 0.000009	✓
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9354167	-7.935416577 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.75108767	4.751087497 ± 0.000009	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~

Test Step 1.6 (Repeat Count = 1)	
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.001
VehicleSpeed_Kph_T_f32	0
WIRCmdAmpBInd_MtrNm_T_f32	6.5
filtCoef_Uls_T_Str	tgt filtCoef Uls T Str
	0.00005
k_InrtCmp_MtrInertia_KgmSq_f32	
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64 80
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112 128
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154
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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	•

Τ				~
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_ScaleFactorTbIY_Uls_u9p7[4]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128		
t_InrtCmp_ScaleFactorTbIY_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_ScaleFactorTbIY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1306		
t_WIRBIndTblX_MtrNm_u8p8[1]	1331		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1357		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1382		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0128454715	-0.012845471 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0160000008	0.016 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00315452972	-0.003154529 ± 0.000000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.1956141	3.195613973 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.90979624	-7.909796293 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.89459038	4.894589734 ± 0.000009	~

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~

Test Step 1.8 (Repeat Count = 1)	
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.003
VehicleSpeed_Kph_T_f32	255.25
WIRCmdAmpBind_MtrNm_T_f32	3.6
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00007
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	272
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	336
t2 FDD FreqTblYM Hz u12p4[1][1]	352
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464
t2 FDD FreqTblYM Hz u12p4[1][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512
t_CmnVehSpd_Kph_u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t CmnVehSpd Kph u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
t_CmnVehSpd_Kph_u9p7[6]	13568
t_CmnVehSpd_Kph_u9p7[7]	13696
t_CmnVehSpd_Kph_u9p7[8]	13824
t CmnVehSpd Kph u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10]	14080
t_CmnVehSpd_Kph_u9p7[11]	14208

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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	•
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	✓

T				~
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~

Test Step 1.9 (Repeat Count = 1)	✓
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.004
VehicleSpeed_Kph_T_f32	16.25
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_FreqTbIYM_Hz_u12p4[0][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	432
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	512
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832
t_CmnVehSpd_Kph_u9p7[0]	15488
t_CmnVehSpd_Kph_u9p7[1]	15616
t_CmnVehSpd_Kph_u9p7[2]	15744
t_CmnVehSpd_Kph_u9p7[3]	15872
t_CmnVehSpd_Kph_u9p7[4]	16000

FilterCoefCalc

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Input Value t_CmnVehSpd_Kph_u9p7[5] 16128 t_CmnVehSpd_Kph_u9p7[6] 16256 t_CmnVehSpd_Kph_u9p7[7] 16384 t_CmnVehSpd_Kph_u9p7[8] 16512 t_CmnVehSpd_Kph_u9p7[9] 16640 t_CmnVehSpd_Kph_u9p7[10] 16768 t_CmnVehSpd_Kph_u9p7[11] 16896 $t_DmpFiltKpWIRBIndY_Uls_u2p14[0]$ 3277 t_DmpFiltKpWIRBIndY_Uls_u2p14[1] 4915 6554 $t_DmpFiltKpWIRBIndY_Uls_u2p14[2]$ t_DmpFiltKpWIRBIndY_Uls_u2p14[3] 8192 t_DmpFiltKpWIRBIndY_Uls_u2p14[4] 9830 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0] 179 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1] 192 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2] 205 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3] 218 $t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]$ 230 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5] 243 $t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]$ 256 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] 269 $t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]$ 282 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] 294 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] 307 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 320 t_WIRBIndTblX_MtrNm_u8p8[0] 1766 t_WIRBIndTbIX_MtrNm_u8p8[1] 1792 t_WIRBIndTbIX_MtrNm_u8p8[2] 1818 t_WIRBIndTbIX_MtrNm_u8p8[3] 1843

t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0280437507	-0.028043747 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0320000015	0.032 ± 0.00000009	✓
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00395625085	-0.003956253 ± 0.000000009	✓
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.84204841	2.842048638 ± 0.000009	✓
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.8026042	-7.802604057 ± 0.000009	✓
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.35534716	5.355347305 ± 0.000009	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~

Test Step 1.10 (Repeat Count = 1)	✓
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.005
VehicleSpeed_Kph_T_f32	32.28
WIRCmdAmpBlnd_MtrNm_T_f32	8.8
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00009
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	784
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	800
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	832
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1296
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1312
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1360
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1376
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1392
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1408
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1424
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	1440

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1 Inter oderoare			1000
Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1456		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1472		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t_CmnVehSpd_Kph_u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t_WIRBIndTbIX_MtrNm_u8p8[0]	410		
t_WIRBIndTbIX_MtrNm_u8p8[1]	435		
t_WIRBIndTbIX_MtrNm_u8p8[2]	461		
t_WIRBIndTbIX_MtrNm_u8p8[3]	486		
t_WIRBIndTbIX_MtrNm_u8p8[4]	512		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0954187065	-0.095418708 ± 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	•

T				✓
Actual Function	Count	Expected Function	Coun	t Result
IntplVarXY u16 u16Xu16Y Cnt	4	IntplVarXY u16 u16Xu16Y Cnt	4	

Test Step 1.11 (Repeat Count = 1)	✓
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.006
VehicleSpeed_Kph_T_f32	48.52
WIRCmdAmpBlnd_MtrNm_T_f32	5.6
filtCoef_Uls_T_Str	tgt_filtCoef_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

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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_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		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTbIX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTbIX_MtrNm_u8p8[3]	742		
t_WIRBIndTbIX_MtrNm_u8p8[4]	768		
Name	Actual Value	Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.246170521	-0.246170482 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0480000004	0.048 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.198170513	0.198170482 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.976945579	0.976945693 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.9533534	-5.953353668 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.06970024	9.06970064 ± 0.000009	

T				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)		~
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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Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	272		
t2 FDD FreqTblYM Hz u12p4[1][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	352		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t CmnVehSpd Kph u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t CmnVehSpd Kph u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t CmnVehSpd Kph u9p7[10]	0		
t CmnVehSpd Kph u9p7[11]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	11469		
t_DmpFiltKpWIRBIndY_UIs_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		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	294		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	307		
	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	346		
t_WirbindTbiX_MtrNm_u8p8[0] t WirbindTbiX_MtrNm_u8p8[1]	922		
	947 973		
t_WIRBIndTblX_MtrNm_u8p8[2]			
t_WIRBIndTblX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1024	Franciska (137.)	
Name	Actual Value	Expected Value	Resu
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	

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~

Test Step 1.13 (Repeat Count = 1)	→
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.008
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_FreqTbIYM_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_FreqTbIYM_Hz_u12p4[0][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	352		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	640		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	672		
t_CmnVehSpd_Kph_u9p7[0]	32640		
t_CmnVehSpd_Kph_u9p7[1]	32640		
t_CmnVehSpd_Kph_u9p7[2]	32640		
t_CmnVehSpd_Kph_u9p7[3]	32640		
t_CmnVehSpd_Kph_u9p7[4]	32640		
t_CmnVehSpd_Kph_u9p7[5]	32640		
t_CmnVehSpd_Kph_u9p7[6]	32640		
t_CmnVehSpd_Kph_u9p7[7]	32640		
t_CmnVehSpd_Kph_u9p7[8]	32640		
t_CmnVehSpd_Kph_u9p7[9]	32640		
t_CmnVehSpd_Kph_u9p7[10]	32640		
t_CmnVehSpd_Kph_u9p7[11]	32640		
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	1638		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	3277		
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	4915		
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	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]	307 320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346 358		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]			
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	· · · ·	1
Name	Actual Value	Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0392927453	-0.039292744 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.064000003	0.064 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0247072577	-0.024707256 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.37325883	3.373258677 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94662905	-7.946629189 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.68011236	4.680112134 ± 0.000009	

T ·					
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 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_WIRBIndTbIX_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		
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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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 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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Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~





Test Step 1.18 (Repeat Count = 1)			•
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.013		
VehicleSpeed_Kph_T_f32	160.63		
WIRCmdAmpBInd_MtrNm_T_f32	1.7		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.0003		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	64		
t2 FDD FreqTblYM Hz u12p4[0][4]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160		
	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]			
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_FreqTbIYM_Hz_u12p4[1][4]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
	7552		
t_CmnVehSpd_Kph_u9p7[6]	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]	1638		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
t InrtCmp ScaleFactorTblY Uls u9p7[5]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	166		
_ :- : : : : : : : : : : : : : :	179		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[9]			
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
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		
Name	Actual Value	Expected Value	Resul
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 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0408402011	-0.040840201 ± 0.00000009	
·	3.47085524		

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Τ				V
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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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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Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~





Test Step 1.21 (Repeat Count = 1)	✓
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.016
VehicleSpeed_Kph_T_f32	208.12
WIRCmdAmpBlnd MtrNm T f32	2.2
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	160
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	176
t2CFINDC@e6qTlb!YIMShtz_u12p4[0][8]	192
t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	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]	176 192
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	
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_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 <u>where bedile ocamens by the property of the captive sourth of the captive sources.</u>	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	



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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	✓

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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		
WIRCmdAmpBlnd_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_WIRBIndTbIX_MtrNm_u8p8[0]	256		
t_WIRBIndTbIX_MtrNm_u8p8[1]	512		
t_WIRBIndTblX_MtrNm_u8p8[2]	768		
t_WIRBIndTblX_MtrNm_u8p8[3]	1024		
t_WIRBIndTbIX_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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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	l
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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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	→

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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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T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~





Test Step 1.27 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.022		
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][4] 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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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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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_UIs_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 1.30 (Repeat Count = 1)			✓
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 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 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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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

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/	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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FrqDepDmpnInrtCmp_Init

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	0.100000001		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
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	✓

Test Step 1.3 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	1.25460005		
TbarVelFiltSv_M_str.K_Uls_f32	0.374119997		
k_InrtCmp_TBarVelLPFKn_Hz_f32	0.100000001		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	-
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	-
TbarVelFiltSv M str.K Uls f32	0.00125586987	0.00125584798 ± 0.000125655810790826	-

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

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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)			~
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	2.55769992		
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798		
k_InrtCmp_TBarVelLPFKn_Hz_f32	25.2000008		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.271430731	0.271430701 ± 0.000125655810790826	~

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

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

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

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

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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)				
Name	Input Value			
TbarVelFiltSv_M_str.SV_Uls_f32	5.69869995			
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981			
k_InrtCmp_TBarVelLPFKn_Hz_f32	56.3499985			
Name	Actual Value	Expected Value	Result	
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	•	
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓	
TbarVelFiltSv_M_str.K_Uls_f32	0.507428169	0.507428169 ± 0.000125655810790826	✓	

Test Step 1.13 (Repeat Count = 1)			
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	-5.14230013		
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001		
k_InrtCmp_TBarVelLPFKn_Hz_f32	63.25		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	•
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.54833883	0.54833883 ± 0.000125655810790826	~