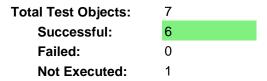
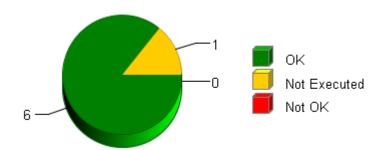


Summary

Overall Test Object Results (including Coverage)



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Selected Project Items

Test Object "CBD UnitTest/FDD Inertia/ADDCoefCalc"

Test Object "CBD UnitTest/FDD Inertia/DecelGain"

Test Object "CBD_UnitTest/FDD_Inertia/DriverVelCalc"

Test Object "CBD_UnitTest/FDD_Inertia/FilterCoefCalc"

Test Object "CBD_UnitTest/FDD_Inertia/FrqDepDmpnInrtCmp_Init"

Test Object "CBD_UnitTest/FDD_Inertia/FrqDepDmpnInrtCmp_Per1"

Test Object "CBD_UnitTest/FDD_Inertia/GenFddIcCmd"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Batch Operation Settings

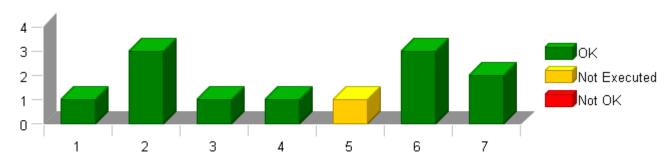
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: No

Instrumentation: Test Object Only

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

Decision Coverage, Multiple Condition Coverage

Test Case Results for Each Test Object (without Coverage)

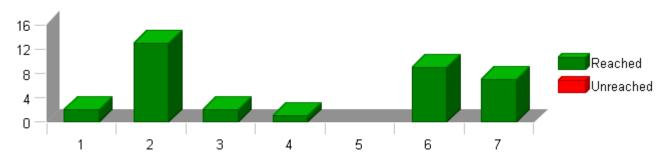


The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results



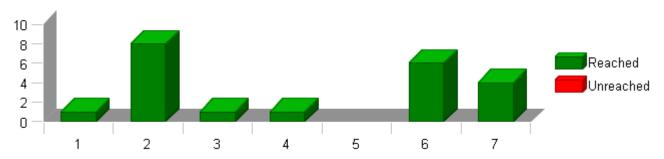
do not take into account any coverage result (i.e. if all test cases of a test object are passed in this table but the coverage is failed, the overall test object result will be failed).

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



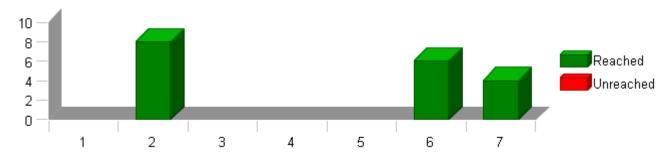
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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



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

Decision Coverage: Total Decision Outcomes for Each Test Object

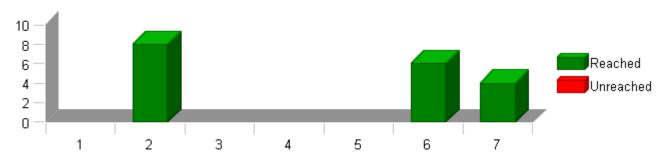


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



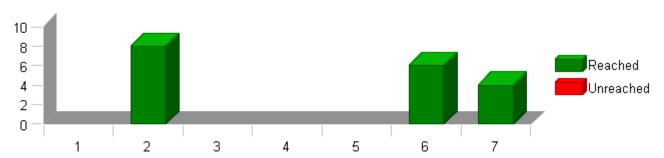
MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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

MCC Coverage: Total Condition Combinations for Each Test Object



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

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

TEST OVERVIEW REPORT

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Project FDD_Inertia

Test Object List

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

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

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases Ro	Result
	FDD_Inertia	100 %	100 %	100 %	100 %	100 %	11 of 12 passed	•
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	11 of 12 passed	•
	FDD_Inertia	100 %	100 %	100 %	100 %	100 %	11 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	-	-	-	-	-	-	1
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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GenFddlcCmd

Project	FDD_Inertia
Module	FDD_Inertia
Test Object	GenFddlcCmd

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2
Successful	2
Failed	0
Not Executed	0



Module Properties

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

Comments/Description	on/Specification
Name	Text
Module 'FDD_Inertia'	**************************************
	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 (CodeCein) 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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
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:

TS1.1 360.00 Cycles TS1.2 360.00 Cycles

Description

Test Vector Description:

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

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

Test Step Call Trace							
Actual Function	Count	Expected Function	Count	Res	ult		
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		
Prev2SclDrvVel_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	~
Prev2SclDrvVel_RadpS_M_f32	-16.6599998	-16.66 ± 0.00390625	·

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GenFddlcCmd

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

GenFddlcCmd

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Test Case 2: Boundary Test

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GenFddlcCmd



Specification

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

CPU Cycles:

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





Description Test Vector Description

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

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-8.8		
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	~

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





Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	8.8		
Prev1SclDrvVel_RadpS_M_f32	12917.3		
Prev2PreAttnComp_MtrNm_M_f32	8.8		
Prev2SclDrvVel_RadpS_M_f32	12917.3		
ScaledDriverVel_MtrRadpS_T_f32	7226.652		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600		
t_FDD_AttenTblY_Uls_u8p8[0]	256		
t_FDD_AttenTblY_Uls_u8p8[1]	256		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.411114052		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.9498924		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417266		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056849		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	2046.13135	2046.131531 ± 0.009	~
Prev1PreAttnComp_MtrNm_M_f32	2046.13135	2046.131531 ± 0.009	✓
Prev1SclDrvVel_RadpS_M_f32	7226.65186	7226.652 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.8 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.3 ± 0.00390625	✓

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

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

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

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

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GenFddlcCmd

Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	352		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	400		
t_FDD_AttenTblY_Uls_u8p8[0]	65		
t_FDD_AttenTblY_Uls_u8p8[1]	68		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0332		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.13456		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0005345		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.45675		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45654		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.757645		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.509668887	0.509668855 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.91875339	1.918753337 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	7226.65186	7226.652 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.1 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-4.21000004	-4.21 ± 0.00390625	✓

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

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

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

Test Step 2.6 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-2.2
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





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	~

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

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

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

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

Test Step Call Trace
Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt



Count Result

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

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

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

Name	Input Value		
Prev1PreAttnComp MtrNm M f32	-4.4		
Prev1ScIDrvVel RadpS M f32	-27.55		
Prev2PreAttnComp_MtrNm_M_f32	-1.7		
Prev2SclDrvVel_RadpS_M_f32	-15		
ScaledDriverVel_MtrRadpS_T_f32	3.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	784		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	880		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.003467		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.1945645		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.9		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.823423		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.78987		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.6345		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.823069274	-0.82306927 ± 0.0000009	•
Prev1PreAttnComp_MtrNm_M_f32	-3.34453535	-3.344535448 ± 0.000009	•
Prev1ScIDrvVel_RadpS_M_f32	3.5	3.5 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	-4.4 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-27.5499992	-27.55 ± 0.00390625	•

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



Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	5.5		
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	<u> </u>

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

Test Step 2.12 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-5.5		
Prev1ScIDrvVel_RadpS_M_f32	-37.15		
Prev2PreAttnComp_MtrNm_M_f32	-8.3		
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	✓

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

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

GenFddlcCmd



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	✓

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

Test Step 2.14 (Repeat Count = 1)			V
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-6.6		
Prev1SclDrvVel_RadpS_M_f32	-33.1		
Prev2PreAttnComp_MtrNm_M_f32	-7.5		
Prev2SclDrvVel_RadpS_M_f32	-22.04		
ScaledDriverVel_MtrRadpS_T_f32	1555.6		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1152		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1200		
t_FDD_AttenTblY_Uls_u8p8[0]	157		
t_FDD_AttenTblY_Uls_u8p8[1]	161		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745745		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2454		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.160083862		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.44564		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53524		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.254		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-18.191328	-18.1913286 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	-28.9253426	-28.92534236 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	1555.59998	1555.6 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999	-6.6 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	-33.0999985	-33.1 ± 0.00390625	~

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

Test Step 2.15 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	7.7
Prev1SclDrvVel_RadpS_M_f32	18
Prev2PreAttnComp_MtrNm_M_f32	7.5
Prev2SclDrvVel_RadpS_M_f32	28.01
ScaledDriverVel_MtrRadpS_T_f32	-5.8
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1232
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1280
t_FDD_AttenTblY_Uls_u8p8[0]	183
t_FDD_AttenTblY_Uls_u8p8[1]	185
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00864
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





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	7.6999981	7.7 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	18	18 ± 0.00390625	✓

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

Test Step 2.16 (Repeat Count = 1)			
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-7.7		
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	~

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

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



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

Test Step 2.18 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-1.5		
Prev1ScIDrvVel_RadpS_M_f32	-16.05		
Prev2PreAttnComp_MtrNm_M_f32	-4.5		
Prev2ScIDrvVel_RadpS_M_f32	-25.25		
ScaledDriverVel_MtrRadpS_T_f32	7.4		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1520		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1568		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01423		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27344		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0014534		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.9498924		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.4535		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.34564		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.164055958	0.164056011 ± 0.0000009	✓
Prev1PreAttnComp_MtrNm_M_f32	0.488352627	0.488352776 ± 0.0000009	✓
Prev1SclDrvVel_RadpS_M_f32	7.4000001	7.4 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-16.0499992	-16.05 ± 0.00390625	

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

Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.5		
Prev1SclDrvVel_RadpS_M_f32	100.04		
Prev2PreAttnComp_MtrNm_M_f32	4.5		
Prev2SclDrvVel_RadpS_M_f32	97		
ScaledDriverVel_MtrRadpS_T_f32	-7.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1552		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1600		
t_FDD_AttenTblY_Uls_u8p8[0]	114		
t_FDD_AttenTblY_Uls_u8p8[1]	116		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.28546		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000745		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.453723		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.5345		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.94534		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.44737673	1.447376757 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	3.25024962	3.25024956 ± 0.000009	~
Prev1ScIDrvVel_RadpS_M_f32	-7.5	-7.5 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	100.040001	100.04 ± 0.00390625	~

Test Step Call Trace				✓
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		
Prev2ScIDrvVel_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	~
Prev1ScIDrvVel_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	~

Count	Result
1	~
	1

Test Step 2.21 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-3.5		
Prev1ScIDrvVel_RadpS_M_f32	-49.65		
Prev2PreAttnComp_MtrNm_M_f32	-2.4		
Prev2ScIDrvVel_RadpS_M_f32	-36.5		
ScaledDriverVel_MtrRadpS_T_f32	2500.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1728		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1760		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.043453		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2945		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00135		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.73453		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417266		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.2325		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.778024733	-0.778024749 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-3.01779294	-3.017792967 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	2500.06006	2500.06 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-49.6500015	-49.65 ± 0.00390625	~

Test Step Call Trace				V
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
Prev1ScIDrvVel_RadpS_M_f32	22.54
Prev2PreAttnComp_MtrNm_M_f32	2.4
Prev2ScIDrvVel_RadpS_M_f32	11
ScaledDriverVel_MtrRadpS_T_f32	-2500.08
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

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GenFddlcCmd

Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1776		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1840		
t_FDD_AttenTblY_Uls_u8p8[0]	189		
t_FDD_AttenTblY_Uls_u8p8[1]	191		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.05342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3036		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0004234		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.845555		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.5474		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.342		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	2.5159831	2.515983222 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	3.37220788	3.372207879 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-2500.08008	-2500.08 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	22.5400009	22.54 ± 0.00390625	~

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

Test Step 2.23 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-4.5		
Prev1SclDrvVel_RadpS_M_f32	-48.54		
Prev2PreAttnComp_MtrNm_M_f32	-1.1		
Prev2SclDrvVel_RadpS_M_f32	-38.54		
ScaledDriverVel_MtrRadpS_T_f32	3500.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	160		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1920		
t_FDD_AttenTblY_Uls_u8p8[0]	237		
t_FDD_AttenTblY_Uls_u8p8[1]	239		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01123		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.30564		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00023453		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.95464		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.345345		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.0504234		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-9.47003937	-9.470039831 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-10.1436405	-10.14364099 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	3500.06006	3500.06 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-48.5400009	-48.54 ± 0.00390625	•

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

Test Step 2.24 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	6.5
Prev1SclDrvVel_RadpS_M_f32	163.65
Prev2PreAttnComp_MtrNm_M_f32	1.1
Prev2SclDrvVel_RadpS_M_f32	175
ScaledDriverVel_MtrRadpS_T_f32	-3.02
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	176
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2000
t_FDD_AttenTblY_Uls_u8p8[0]	49
t_FDD_AttenTblY_Uls_u8p8[1]	51
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02123
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.31564
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.1
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.05678





Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53454		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056849		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.37899768	1.378997719 ± 0.000009	✓
Prev1PreAttnComp_MtrNm_M_f32	7.20455933	7.204559509 ± 0.000009	✓
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	~

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

Test Step 2.25 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-6.5		
Prev1SclDrvVel_RadpS_M_f32	-90.36		
Prev2PreAttnComp_MtrNm_M_f32	-8.1		
Prev2SclDrvVel_RadpS_M_f32	-120.23		
ScaledDriverVel_MtrRadpS_T_f32	4.1		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	192		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2080		
t_FDD_AttenTblY_Uls_u8p8[0]	65		
t_FDD_AttenTblY_Uls_u8p8[1]	68		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03234		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3245		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.3		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.1345		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.84564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.64584		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.11698532	-2.116985416 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.33766556	-8.337665637 ± 0.000009	✓
Prev1ScIDrvVel_RadpS_M_f32	4.0999999	4.1 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-90.3600006	-90.36 ± 0.00390625	~

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

Test Step 2.26 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.5		
Prev1SclDrvVel_RadpS_M_f32	100.04		
Prev2PreAttnComp_MtrNm_M_f32	4.5		
Prev2SclDrvVel_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	Result
GenFddlcCmd()	16.6205254	16.62052631 ± 0.00009	•
Prev1PreAttnComp_MtrNm_M_f32	37.3232841	37.32328714 ± 0.00009	✓
Prev1ScIDrvVel_RadpS_M_f32	-7.5	-7.5 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	100.040001	100.04 ± 0.00390625	~



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Resul	
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	~

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

Test Step 2.28 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	8.5		
Prev1SclDrvVel_RadpS_M_f32	5000.65		
Prev2PreAttnComp_MtrNm_M_f32	7.7		
Prev2ScIDrvVel_RadpS_M_f32	0		
ScaledDriverVel_MtrRadpS_T_f32	6075.09		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2320		
t_FDD_AttenTblY_Uls_u8p8[0]	144		
t_FDD_AttenTblY_Uls_u8p8[1]	146		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.259346		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.35		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.4786		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.84764		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.365		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	452.265015	452.2649718 ± 0.0009	~
Prev1PreAttnComp_MtrNm_M_f32	793.012634	793.0125532 ± 0.0009	~
Prev1SclDrvVel_RadpS_M_f32	6075.08984	6075.09 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	8.5	8.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	5000.6499	5000.65 ± 0.00390625	~

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



Test Step 2.29 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-8.5		
Prev1SclDrvVel_RadpS_M_f32	-26.65		
Prev2PreAttnComp_MtrNm_M_f32	-6.6		
Prev2ScIDrvVel_RadpS_M_f32	-10.12		
ScaledDriverVel_MtrRadpS_T_f32	6.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	256		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2400		
t_FDD_AttenTblY_Uls_u8p8[0]	172		
t_FDD_AttenTblY_Uls_u8p8[1]	174		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.268567		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.24		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.5768		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.000456		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.4766		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-5.66504765	-5.665048067 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.4316988	-8.431699448 ± 0.000009	~
Prev1ScIDrvVel_RadpS_M_f32	6.01999998	6.02 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	-26.6499996	-26.65 ± 0.00390625	~

Test Step Call Trace				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		
Prev1SclDrvVel_RadpS_M_f32	18.6		
Prev2PreAttnComp_MtrNm_M_f32	6.6		
Prev2SclDrvVel_RadpS_M_f32	10.25		
ScaledDriverVel_MtrRadpS_T_f32	-6.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	272		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2480		
t_FDD_AttenTblY_Uls_u8p8[0]	218		
t_FDD_AttenTblY_Uls_u8p8[1]	220		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27443		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.389		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.65675		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.96456		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.57686		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.33675155	-0.336751733 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-0.395451367	-0.395451576 ± 0.0000009	•
Prev1SclDrvVel_RadpS_M_f32	-6.05999994	-6.06 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	1.29999995	1.3 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	18.6000004	18.6 ± 0.00390625	~

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

Test Step 2.31 (Repeat Count = 1)	✓
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	1.3
Prev1SclDrvVel_RadpS_M_f32	-12917.3
Prev2PreAttnComp_MtrNm_M_f32	-5.5
Prev2ScIDrvVel_RadpS_M_f32	-900.36
ScaledDriverVel_MtrRadpS_T_f32	-4.02
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

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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	✓

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

Test Step 2.32 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.3		
Prev1SclDrvVel_RadpS_M_f32	12917.3		
Prev2PreAttnComp_MtrNm_M_f32	5.5		
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	2.2999995	2.3 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.3 ± 0.00390625	~

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

Test Step 2.33 (Repeat Count = 1)	la de la companya de
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-2.3
Prev1SclDrvVel_RadpS_M_f32	0
Prev2PreAttnComp_MtrNm_M_f32	-4.4
Prev2ScIDrvVel_RadpS_M_f32	3000
ScaledDriverVel_MtrRadpS_T_f32	2.06
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2720
t_FDD_AttenTblY_Uls_u8p8[0]	106
t_FDD_AttenTblY_Uls_u8p8[1]	109
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01324
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3056
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.32
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.9454





Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.534		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.74564		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.96688271	-2.966882443 ± 0.000009	~
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	~

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

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

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

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

Test Step Call Trace
Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt



Count Result

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

Test Step 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_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2400		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3040		
t_FDD_AttenTblY_Uls_u8p8[0]	230		
t_FDD_AttenTblY_Uls_u8p8[1]	232		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.053534		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330264		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0025235		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.3675		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.4234		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.13453		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	5.50454187	5.5045434 ± 0.000009	✓
Prev1PreAttnComp_MtrNm_M_f32	6.12679434	6.126796132 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	4.05000019	4.05 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.8 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	980.599976	980.6 ± 0.00390625	✓

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



Test Step 2.38 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	0		
Prev1SclDrvVel_RadpS_M_f32	-1000		
Prev2PreAttnComp_MtrNm_M_f32	2.2		
Prev2SclDrvVel_RadpS_M_f32	-5000.41		
ScaledDriverVel_MtrRadpS_T_f32	-4.8		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2560		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3120		
t_FDD_AttenTblY_Uls_u8p8[0]	71		
t_FDD_AttenTblY_Uls_u8p8[1]	74		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.042342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27566		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.001535		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.456		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.84564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.42342		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.99402881	-2.994028926 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-10.7953711	-10.7953719 ± 0.00009	✓
Prev1SclDrvVel_RadpS_M_f32	-4.80000019	-4.8 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	0	0 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	-1000	-1000 ± 0.00390625	✓

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

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

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

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

GenFddlcCmd



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

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

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

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

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



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	

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

Test Step 2.43 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	5.7		
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	~

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

Test Step 2.44 (Repeat Count = 1)		•
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-5.7	
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_UIs_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 ± 0.000	0009
Prev1PreAttnComp_MtrNm_M_f32	3.45061421 3.45061003779925 ± 0.000	0009
Prev1SclDrvVel_RadpS_M_f32	-23.0200005 -23.02 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-5.69999981 -5.7 ± 0.00048828125	•
Prev2ScIDrvVel RadpS M f32	-9000.01465 -9000.015 ± 0.00390625	•



Count Result



Test Step Call Trace
Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt

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

Test Step 2.45 (Repeat Count = 1)			
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_UIs_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	Resul
GenFddlcCmd()	9.78774643	9.78774586664643 ± 0.000009	•
Prev1PreAttnComp_MtrNm_M_f32	10.894187	10.8941867037456 ± 0.00009	
Prev1ScIDrvVel_RadpS_M_f32	34.0600014	34.06 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	6.80000019	6.8 ± 0.00048828125	
Prev2SclDrvVel RadpS M f32	600.090027	600.09 ± 0.00390625	

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.5		
Prev1SclDrvVel_RadpS_M_f32	-400.05		
Prev2PreAttnComp_MtrNm_M_f32	6.8		
Prev2SclDrvVel_RadpS_M_f32	-7235.12		
ScaledDriverVel_MtrRadpS_T_f32	45.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	0		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	0		
t_FDD_AttenTblY_Uls_u8p8[0]	71		
t_FDD_AttenTblY_Uls_u8p8[1]	74		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.005534		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27344		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000534		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.3678		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.24234		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54523		
Name	Actual Value	Expected Value	Resul
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	•
Prev2ScIDrvVel_RadpS_M_f32	-400.049988	-400.05 ± 0.00390625	

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





Test Step 2.47 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-1.5		
Prev1ScIDrvVel_RadpS_M_f32	289.65		
Prev2PreAttnComp_MtrNm_M_f32	-5.2		
Prev2ScIDrvVel_RadpS_M_f32	8563.3		
ScaledDriverVel_MtrRadpS_T_f32	-4.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.28546		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.14		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.4786		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.9789		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.757645		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.24506903	1.245069116 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	3.7062521	3.706252252 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-4.05000019	-4.05 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	289.649994	289.65 ± 0.00390625	~

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

Test Step 2.48 (Repeat Count = 1)			
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.5		
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	~

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

Test Step 2.49 (Repeat Count = 1)		
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-2.5	
Prev1ScIDrvVel_RadpS_M_f32	-2341.03	
Prev2PreAttnComp_MtrNm_M_f32	-2.3	
Prev2ScIDrvVel_RadpS_M_f32	9782.2	
ScaledDriverVel_MtrRadpS_T_f32	4585.02	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	

GenFddlcCmd



Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3680		
t_FDD_AttenTblY_Uls_u8p8[0]	0		
t_FDD_AttenTblY_Uls_u8p8[1]	0		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745		
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 RadoS M f32	-2341 03003	-2341 03 + 0 00390625	✓

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

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

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cpt	1	IntolVarXY 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
Prev2ScIDrvVel_RadpS_M_f32	-10712.32
ScaledDriverVel_MtrRadpS_T_f32	-7.02
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1648
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3712
t_FDD_AttenTblY_Uls_u8p8[0]	63
t_FDD_AttenTblY_Uls_u8p8[1]	66
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00945
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.30564
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.62
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.8453

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GenFddlcCmd

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.4234		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.77453	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	-7.0199998	-7.02 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	385.032013	385.032 ± 0.00390625	~

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

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FrqDepDmpnInrtCmp_Init

Project FDD_Inertia

Module FDD_Inertia

Test Object FrqDepDmpnInrtCmp_Init

Statistics

Total Testcases	1
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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_OFF -\\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\utp\contract\-I\\$(PROJECTROOT) \NxtrLib\include -I\\$(PROJECTROOT)\StdDef\include -I\\$(ProgramFiles)\Texas Instrument\s\ccsv4\tools\compiler\tms470_4.9.5\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -\\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\utp\contract\-I\\$(PROJECTROOT)\\TrqDepDmpnInrtCmp\utp\contract\-I\\$(PROJECTROOT)\\TrqDepDmpnInrtCmp\utp\contract\-I\\$(PROJECTROOT)\\TrqDepDmpnInrtCmp\\Try\\Try\\Try\\Try\\Try\\Try\\Try\\Tr

Comments/Description/Specification		
Name	Text	



Module 'FDD_Inertia'

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

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 FLASH 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

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"", ""DirverVelCalc"", ""FitterCoefCalc"",""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
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_InrtCmp_TBarVell_PFKn_Hz_f32 = min
TS1.4 k_InrtCmp_TBarVell_PFKn_Hz_f32 = max
TS1.5 k_InrtCmp_TBarVell_PFKn_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	Expected Value
PreDecelGain_Uls_M_f32	1 ± 0.0625
TbarVelFiltSv_M_str.SV_Uls_f32	0 ± 0.00390625
TbarVelFiltSv M str.K Uls f32	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	Expected Value
Name PreDecelGain_Uls_M_f32	Expected Value 1 ± 0.0625
	·

Test Step 1.3 (Repeat Count = 1)

root otop no (respont obtain 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	Expected Value
PreDecelGain_Uls_M_f32	1 ± 0.0625
TbarVelFiltSv_M_str.SV_Uls_f32	0 ± 0.00390625
TbarVelFiltSv M str.K Uls f32	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	Expected Value
PreDecelGain Uls M f32	1+0.0625

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Name	Expected Value
TbarVelFiltSv_M_str.SV_Uls_f32	0 ± 0.00390625
TbarVelFiltSv_M_str.K_Uls_f32	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	Expected Value
PreDecelGain_Uls_M_f32	1 ± 0.0625
TbarVelFiltSv_M_str.SV_Uls_f32	0 ± 0.00390625
TbarVelFiltSv_M_str.K_Uls_f32	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	Expected Value
PreDecelGain_Uls_M_f32	1 ± 0.0625
TbarVelFiltSv_M_str.SV_Uls_f32	0 ± 0.00390625
TbarVelFiltSv_M_str.K_Uls_f32	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	Expected Value
PreDecelGain_Uls_M_f32	1 ± 0.0625
TbarVelFiltSv_M_str.SV_Uls_f32	0 ± 0.00390625
TbarVelFiltSv_M_str.K_Uls_f32	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	Expected Value
PreDecelGain_Uls_M_f32	1 ± 0.0625
TbarVelFiltSv_M_str.SV_Uls_f32	0 ± 0.00390625
TbarVelFiltSv_M_str.K_Uls_f32	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	Expected Value
PreDecelGain_Uls_M_f32	1 ± 0.0625
TbarVelFiltSv_M_str.SV_Uls_f32	0 ± 0.00390625
TbarVelFiltSv_M_str.K_Uls_f32	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	Expected Value
PreDecelGain_Uls_M_f32	1 ± 0.0625
TbarVelFiltSv_M_str.SV_Uls_f32	0 ± 0.00390625
TbarVelFiltSv_M_str.K_Uls_f32	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	Expected Value		
PreDecelGain_Uls_M_f32	1 ± 0.0625		
TbarVelFiltSv_M_str.SV_Uls_f32	0 ± 0.00390625		
TbarVelFiltSv_M_str.K_Uls_f32	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	Expected Value		
PreDecelGain_Uls_M_f32	1 ± 0.0625		
TbarVelFiltSv_M_str.SV_Uls_f32	0 ± 0.00390625		
TbarVelFiltSv_M_str.K_Uls_f32	$0.507428169 \pm 0.000125655810790826$		

Name	Input Value
TbarVelFiltSv M str.SV Uls f32	-5.14230013
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001
<pre>c_InrtCmp_TBarVelLPFKn_Hz_f32</pre>	63.25
Name	Expected Value
PreDecelGain_Uls_M_f32	1 ± 0.0625
TbarVelFiltSv_M_str.SV_Uls_f32	0 ± 0.00390625
TbarVelFiltSv M str.K Uls f32	0.54833883 ± 0.000125655810790826

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DecelGain

Project	FDD_Inertia
Module	FDD_Inertia
Test Object	DecelGain

Instrumentation: Test Object Only

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

Statistics

Total Testcases	3
Successful	3
Failed	0
Not Executed	0



Module Properties

Project Root Directory	D:\Synergy_Work_Area\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_OFF -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\\NxtrLib\include -I\$(PROJECTROOT)\\NxtrLib\include -I\$(PROJECTROOT)\\StdDef\include -I\$(ProgramFiles)\\Texas Instruments\\ccsv4\tools\\compiler\\tms470_4.9.5\\include		
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c		
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-I\$(PROJECTROOT)\\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\\StdDef\include -I\$(ProgramFiles)\\Texas Instruments\\ccsv4\\tools\\compiler\\tms470_4.9.5\\include		

Comments/Descripti	on/Specification
Name	Text
Module 'FDD_Inertia'	**************************Unit Test Description************************************
	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 Comments:
	Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16
	Note6:In ""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"", ""DirverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

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

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DecelGain



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



Test Case 1: Metrics Test

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

CPU Cycles:

TS1.1 320.00 Cycles TS1.2 343.00 Cycles

Description

Test Vector Description:

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

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

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

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





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

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

Test Case 2	2: Path Test	✓
Specification	Performance Metrics (With "None" Instrumentation and "WithPS" Environment)	
	CPU Cycles:	
	TS2.1 326.00 Cycles TS2.2 344.00 Cycles TS2.3 342.00 Cycles TS2.4 320.00 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	
	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	

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	•

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

Name	Input Value	
CRFMotorVel MtrRadpS T f32	200.03	
PreDecelGain_Uls_M_f32	125589.21	
VehicleLonAccel_KphpS_T_f32	10	
k_DmpDecelGainFSlew_UlspS_f32	200.05	
k_DmpDecelGain_Uls_f32	3.5	
k_DmpGainOffThresh_KphpS_f32	22.25	
k_DmpGainOnThresh_KphpS_f32	10.12	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	

DecelGain



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

Test Step Call Trace					V
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	500.68		
PreDecelGain_Uls_M_f32	127118.835		
VehicleLonAccel_KphpS_T_f32	-3.1		
k_DmpDecelGainFSlew_UlspS_f32	1700.02		
k_DmpDecelGain_Uls_f32	2.1		
k_DmpGainOffThresh_KphpS_f32	0		
k_DmpGainOnThresh_KphpS_f32	44.45		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	127118.836	127118.835 ± 0.9	*
PreDecelGain Uls M f32	127118.836	127118.835 ± 0.0625	✓

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

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

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DecelGain

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

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

CPU Cycles:



Test Case 3: Boundary Test

Specification

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

328.00 Cycles 334.00 Cycles 326.00 Cycles 345.00 Cycles 334.00 Cycles 344.00 Cycles TS3.1 TS3.2 TS3.2 TS3.3 TS3.4 TS3.5 TS3.6 TS3.7

344.00 Cycles 344.00 Cycles 337.00 Cycles 326.00 Cycles 326.00 Cycles 326.00 Cycles 34.00 Cycles TS3.8 TS3.9 TS3.10 TS3.11 TS3.12 TS3.13 344.00 Cycles 344.00 Cycles 345.00 Cycles 345.00 Cycles 345.00 Cycles TS3.14 TS3.15

TS3.16 TS3.17 TS3.18 TS3.19 TS3.20 TS3.21 TS3.22 342.00 Cycles 345.00 Cycles 345.00 Cycles 325.00 Cycles TS3.23 TS3.24 TS3.25

325.00 Cycles 345.00 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

TS3.1 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 = 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 = zero
TS3.12 CRFMotorVel1_MtrRadpS_T_f32 = neg
TS3.13 k_DmpGainOnThresh_KphpS_f32 = min
TS3.14 k_DmpGainOnThresh_KphpS_f32 = max
TS3.15 k_DmpGainOnThresh_KphpS_f32 = max
TS3.16 k_DmpDecelGain_Uls_f32 = min
TS3.17 k_DmpDecelGain_Uls_f32 = min
TS3.18 k_DmpDecelGain_Uls_f32 = pos
TS3.19 k_DmpGainOffThresh_KphpS_f32 = min
TS3.20 k_DmpGainOffThresh_KphpS_f32 = min
TS3.21 k_DmpGainOffThresh_KphpS_f32 = max
TS3.21 k_DmpGainOffThresh_KphpS_f32 = pos
TS3.22 PreDecelGain_Uls_M_f32 = min
TS3.23 PreDecelGain_Uls_M_f32 = max
TS3.24 PreDecelGain_Uls_M_f32 = pos
TS3.25 t_DmpDecelGainSlewX_MtrRadpS_u11p5[
TS3.26 t_DmpDece

TS3.25 TS3.26

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 TS3.27 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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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	1 ± 0.000009	*
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~

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

Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	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	✓

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

Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	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	✓

Test Step Call Trace
Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt



Count Result

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

Test Step 3.4 (Repeat Count = 1)			✓
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	✓

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-100.04		
PreDecelGain_Uls_M_f32	125691.185		
VehicleLonAccel_KphpS_T_f32	0		
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		
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	125690.586	125690.5849 ± 0.9	
PreDecelGain Uls M f32	125690.586	125690.5849 ± 0.0625	

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



Test Step 3.6 (Repeat Count = 1)			✓
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	✓

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

Test Step 3.7 (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	✓

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

Test Step 3.8 (Repeat Count = 1)	✓
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

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DecelGain

Name	Input Value		
k_DmpGainOnThresh_KphpS_f32	1.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448		
Name	Actual Value	Expected Value	Result
DecelGain()	125995.906	125995.9099 ± 0.9	~
PreDecelGain_Uls_M_f32	125995.906	125995.9099 ± 0.0625	~

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

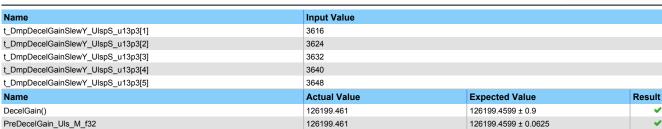
Test Step 3.9 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	1118		
PreDecelGain_Uls_M_f32	126099.085		
VehicleLonAccel_KphpS_T_f32	-3.3		
k_DmpDecelGainFSlew_UlspS_f32	700.03		
k_DmpDecelGain_Uls_f32	8.7		
k_DmpGainOffThresh_KphpS_f32	24.21		
k_DmpGainOnThresh_KphpS_f32	2.58		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]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

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

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

DecelGain





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

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

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

Test Step 3.12 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-100.2		
PreDecelGain_Uls_M_f32	126405.01		
VehicleLonAccel_KphpS_T_f32	-6.1		
k_DmpDecelGainFSlew_UlspS_f32	1000.01		
k_DmpDecelGain_Uls_f32	1.5		
k_DmpGainOffThresh_KphpS_f32	33.32		
k_DmpGainOnThresh_KphpS_f32	5.64		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	20960		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	20992		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	21024		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	21056		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	21088		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	21120		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	384		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	392		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	400		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	408		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	416		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	424		
Name	Actual Value	Expected Value	Result
DecelGain()	126403.008	126403.01 ± 0.9	~
PreDecelGain_Uls_M_f32	126403.008	126403.01 ± 0.0625	✓



Test Step Call Trace
Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt



Count Result

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

Test Step 3.13 (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	✓

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

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		
_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		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	720		
Name	Actual Value	Expected Value	Result
DecelGain()	126606.563	126606.56 ± 0.9	✓
PreDecelGain Uls M f32	126606.563	126606.56 ± 0.0625	✓

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





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

Test Step Call Trace				✓
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	✓

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

Test Step 3.17 (Repeat Count = 1)		
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	✓

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

Test Step 3.18 (Repeat Count = 1)			· ·
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-400.52		
PreDecelGain_Uls_M_f32	127016.86		
VehicleLonAccel_KphpS_T_f32	-2.3		
k_DmpDecelGainFSlew_UlspS_f32	1600.02		
k_DmpDecelGain_Uls_f32	5.25		
k_DmpGainOffThresh_KphpS_f32	40.52		
k_DmpGainOnThresh_KphpS_f32	33.32		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448		
Name	Actual Value	Expected Value	Result
DecelGain()	127013.656	127013.66 ± 0.9	~
PreDecelGain Uls M f32	127013.656	127013.66 ± 0.0625	✓

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

Test Step 3.19 (Repeat Count = 1)		✓
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	

DecelGain



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		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	127118.836	127118.835 ± 0.9	~
PreDecelGain_Uls_M_f32	127118.836	127118.835 ± 0.0625	✓

Test Step Call Trace					✓
	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]	5888		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	3608		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	3616		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	3632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	3640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	3648		
Name	Actual Value	Expected Value	Result
DecelGain()	127217.211	127217.21 ± 0.9	~
PreDecelGain_Uls_M_f32	127217.211	127217.21 ± 0.0625	~

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

Test Step 3.21 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	700.02	
PreDecelGain_Uls_M_f32	127322.785	
VehicleLonAccel_KphpS_T_f32	-5.2	
k_DmpDecelGainFSlew_UlspS_f32	1900.03	
k_DmpDecelGain_Uls_f32	2.6	
k_DmpGainOffThresh_KphpS_f32	25.45	
k_DmpGainOnThresh_KphpS_f32	16.21	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	288	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	296	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	304	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	312	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	320	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	328	
Name	Actual Value Expected	d Value Result
DecelGain()	127318.984 127318.98	349 ± 0.9 ✓
PreDecelGain_Uls_M_f32	127318.984 127318.98	349 ± 0.0625 ✓





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

Test Step 3.22 (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	✓

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

Test Step 3.23 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	900.08		
PreDecelGain_Uls_M_f32	4294967295		
VehicleLonAccel_KphpS_T_f32	-7.6		
k_DmpDecelGainFSlew_UlspS_f32	2100.02		
k_DmpDecelGain_Uls_f32	3.5		
k_DmpGainOffThresh_KphpS_f32	22.41		
k_DmpGainOnThresh_KphpS_f32	32.41		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Resul
DecelGain()	4.2949673e+009	4294967291 ± 9999	•
PreDecelGain Uls M f32	4.2949673e+009	4294967291 ± 0.0625	•

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





Test Step 3.24 (Repeat Count = 1)			✓
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	✓

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

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

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

Test Step 3.26 (Repeat Count = 1)	✓
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	✓

Test Step Call Trace					
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	✓

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

Test Step 3.28 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-700.14	
PreDecelGain_Uls_M_f32	128036.61	
VehicleLonAccel_KphpS_T_f32	1.6	
k_DmpDecelGainFSlew_UlspS_f32	2600.07	
k_DmpDecelGain_Uls_f32	5.8	
k_DmpGainOffThresh_KphpS_f32	24.12	
k_DmpGainOnThresh_KphpS_f32	12.61	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8	





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

Test Step Call Trace					V
Actual Function	Count	Expected Function	Count	Resi	ult
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	~

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

Test Step 3.30 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-900.63		
PreDecelGain_Uls_M_f32	128240.56		
VehicleLonAccel_KphpS_T_f32	-2.1		
k_DmpDecelGainFSlew_UlspS_f32	2800.02		
k_DmpDecelGain_Uls_f32	6.8		
k_DmpGainOffThresh_KphpS_f32	40.52		
k_DmpGainOnThresh_KphpS_f32	20.63		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2000		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2008		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2016		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2024		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2032		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2040		
Name	Actual Value	Expected Value	Result
DecelGain()	128234.961	128234.96 ± 0.9	~
PreDecelGain Uls M f32	128234.961	128234.96 ± 0.0625	✓

Test Step Call Trace **Actual Function**

IntplVarXY_u16_u16Xu16Y_Cnt



Count Result

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

Test Step 3.31 (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

Test Step 3.32 (Repeat Count = 1)			✓
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	✓

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





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	~

Test Step Call Trace					
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
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_OFF -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract -I\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -\\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract -\\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -\\$(PROJECTROOT) \NxtrLib\include -\\$(PROJECTROOT)\StdDef\include -\\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Descripti	on/Specification
Name	Text
Module 'FDD_Inertia'	**************************Unit Test Description************************************
	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 Comments:
	Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16
	Note6:In ""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"", ""DirverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

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

1239.00 Cycles 1283.00 Cycles 1285.00 Cycles 1274.00 Cycles 1274.00 Cycles 1251.00 Cycles TS1.1 TS1.2 TS1.3 TS1.4 TS1.6 TS1.7 1285.00 Cycles 1274.00 Cycles 1239.00 Cycles 1250.00 Cycles 1663.00 Cycles 1272.00 Cycles 1239.00 Cycles 1272.00 Cycles 1272.00 Cycles 1274.00 Cycles 1274.00 Cycles 1274.00 Cycles 1274.00 Cycles 1285.00 Cycles TS1.8 TS1.9 TS1.10 TS1.11 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 1274.00 Cycles 1274.00 Cycles 1274.00 Cycles 1285.00 Cycles 1285.00 Cycles 1274.00 Cycles 1274.00 Cycles 1285.00 Cycles 1285.00 Cycles 1285.00 Cycles 1285.00 Cycles 1285.00 Cycles 1274.00 Cycles 1274.00 Cycles 1274.00 Cycles TS1.18 TS1.19 TS1.20 TS1.21 TS1.22 TS1.23 TS1.26 TS1.27 TS1.28 TS1.29 TS1.30 TS1.31 TS1.32

Description

Test Vector Description

TS1.1 All min TS1.2 All max TS1.3 ADDCoef_MtrNmSpRad_T_f32 min TS1.4 ADDCoef_MtrNmSpRad_T_f32 max TS1.5 ADDCoef_MtrNmSpRad_T_f32 max TS1.5 ADDCoef_MtrNmSpRad_T_f32 pos TS1.6 VehicleSpeed2_Kph_T_f32 min TS1.7 VehicleSpeed2_Kph_T_f32 min TS1.7 VehicleSpeed2_Kph_T_f32 max TS1.8 VehicleSpeed2_Kph_T_f32 pos TS1.9 WIRCmdAmpBlnd1_MtrNm_T_f32 min TS1.10 WIRCmdAmpBlnd1_MtrNm_T_f32 max TS1.11 WIRCmdAmpBlnd1_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] max TS1.15 t2_FDD_FreqTblYM1_Hz_u12p4[12] min TS1.16 t2_FDD_FreqTblYM1_Hz_u12p4[12] max TS1.17 t2_FDD_FreqTblYM1_Hz_u12p4[12] max TS1.18 t2_FDD_FreqTblYM2_Hz_u12p4[12] max TS1.19 t2_FDD_FreqTblYM2_Hz_u12p4[12] max TS1.20 t2_FDD_FreqTblYM2_Hz_u12p4[12] max TS1.21 t_WIRBIndTblX_MtrNm_u8p8[5] min TS1.22 t_WIRBIndTblX_MtrNm_u8p8[5] max TS1.23 t_UmpFiltKpWIRBIndY_Uls_u2p14[5] min TS1.25 t_DmpFiltKpWIRBIndY_Uls_u2p14[5] min	
TS1.26 t_DmpFiltKpWIRBIndY_Uls_u2p14[5] pos	
TS1.27 t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[12] mi TS1.28 t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[12] m TS1.29 t InrtCmp_ScaleFactorTbIY_UIs_u9p7[12] pc	ax
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
WIRCmdAmpBlnd_MtrNm_T_f32	0
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00001
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	16
12_FDD_FreqTbIYM_Hz_u12p4[0][2]	16 16
12_FDD_FreqTblYM_Hz_u12p4[0][3]	16
12_FDD_FreqTbIYM_Hz_u12p4[0][4]	16
t2_FDD_FreqTbIYM_Hz_u12p4[0][5] t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	16
12_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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Filler Coercaid			201000
Name	Input Value		
t2 FDD FreqTblYM Hz u12p4[0][11]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t CmnVehSpd Kph u9p7[11]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	0		
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]	0		
t_DmpFiltKpWlRBlndY_Uls_u2p14[1]	0		
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	0		
t_DmpFiltKpWlRBlndY_Uls_u2p14[4]	0		
	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	0		
	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] t InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
	0		
t_WIRBIndTblX_MtrNm_u8p8[2]	0		
t_WIRBIndTblX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]		Francis (22)	
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0	0 ± 0.000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0	0 ± 0.000009	<u> </u>
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0	0 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.94989252	3.949892431 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99968433	-7.999684173 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.05042315	4.050423396 ± 0.000009	✓

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

Test Step 1.2 (Repeat Count = 1)		<u>✓</u>
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_UIs_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_FreqTbIYM_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_FreqTblYM_Hz_u12p4[0][6]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1600		
t_CmnVehSpd_Kph_u9p7[0]	32640		
t_CmnVehSpd_Kph_u9p7[1]	32640		
t_CmnVehSpd_Kph_u9p7[2]	32640		
t_CmnVehSpd_Kph_u9p7[3]	32640		
t_CmnVehSpd_Kph_u9p7[4]	32640		
t_CmnVehSpd_Kph_u9p7[5]	32640		
t_CmnVehSpd_Kph_u9p7[6]	32640		
t_CmnVehSpd_Kph_u9p7[7]	32640		
t_CmnVehSpd_Kph_u9p7[8]	32640		
t_CmnVehSpd_Kph_u9p7[9]	32640		
t_CmnVehSpd_Kph_u9p7[10]	32640		
t_CmnVehSpd_Kph_u9p7[11]	32640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	16384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	384		
t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[7]	384		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[8]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	384		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[10]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384		
t_WIRBIndTbIX_MtrNm_u8p8[0]	2048		
t_WIRBIndTblX_MtrNm_u8p8[1]	2048 2048		
t_WIRBIndTblX_MtrNm_u8p8[2]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[3] t_WIRBIndTbIX_MtrNm_u8p8[4]	2048		
L VVII SDIII LI IA A IVIII IVIII LI		Proposition Melico	
	Actual Value	Expected Value	Result
Name	0.74450007	-2.741562052 ± 0.000009	✓
Name tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.74156237		
Name tgt_filtCoef_Uls_T_Str.b0_Uls_f32 tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002	0.330448 ± 0.0000009	•
Name tgt_filtCoef_Uls_T_Str.b0_Uls_f32 tgt_filtCoef_Uls_T_Str.b1_Uls_f32 tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.330448002 2.41111422	0.330448 ± 0.0000009 2.411114052 ± 0.000009	-
Name tgt_filtCoef_Uls_T_Str.b0_Uls_f32 tgt_filtCoef_Uls_T_Str.b1_Uls_f32 tgt_filtCoef_Uls_T_Str.b2_Uls_f32 tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.330448002 2.41111422 0.552588403	0.330448 ± 0.0000009 2.411114052 ± 0.000009 0.552588458 ± 0.0000009	•
Name tgt_filtCoef_Uls_T_Str.b0_Uls_f32 tgt_filtCoef_Uls_T_Str.b1_Uls_f32 tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.330448002 2.41111422	0.330448 ± 0.0000009 2.411114052 ± 0.000009	-

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

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

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Name	Input Value		
WIRCmdAmpBInd_MtrNm_T_f32	2.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00002		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	64		
t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	80 96		
t2_FDD_FreqTblYM_Hz_u12p4[0][5] t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	32		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	208		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	768		
t_CmnVehSpd_Kph_u9p7[5]	896		
t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpFiltKpWIRBIndY_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_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_WIRBIndTbIX_MtrNm_u8p8[0]	282 307		
t_WIRBIndTbIX_MtrNm_u8p8[1]	333		
t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
t_WIRBINdTbIX_MtrNm_u8p8[4]	384		
	Actual Value	Expected Value	Poor
Name tot filtCoof Lile T. Str.b0 Lile f32		Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00059381465 0	-0.000593815 ± 0.0000000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32		0 ± 0.000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32 tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.00059381465 3.39635515	0.000593815 ± 0.0000000009 3.39635548 ± 0.000009	
tgt_intooei_0is_i_oti.ao_0is_isz			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.95065212	$-7.950651978 \pm 0.000009$	

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



Test Step 1.4 (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]	154 166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] t_WIRBIndTblX_MtrNm_u8p8[0]	538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t_WIRBIndTblX_MtrNm_u8p8[2]	589		
t_WIRBIndTblX_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	

tgt_filtCoef_Uls_T_Str.a2_Uls_f32

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4.691019911 ± 0.000009

FilterCoefCalc

Name Actual Value Expected Value

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

4.69101954

Test Step 1.5 (Repeat Count = 1)	Imput Value	
Name	Input Value	
ADDCoef_MtrNmSpRad_T_f32 /ehicleSpeed_Kph_T_f32	0.02 300.08	
VIRCmdAmpBlnd_MtrNm_T_f32	0.5	
ItCoef_UIs_T_Str	tgt_filtCoef_Uls_T_Str	
:_InrtCmp_MtrInertia_KgmSq_f32	0.00004	
	48	
2_FDD_FreqTblYM_Hz_u12p4[0][1]	64	
2 FDD FreqTblYM Hz u12p4[0][2]	80	
2_FDD_FreqTblYM_Hz_u12p4[0][3]	96	
2 FDD FreqTblYM Hz u12p4[0][4]	112	
2_FDD_FreqTblYM_Hz_u12p4[0][5]	128	
2_FDD_FreqTblYM_Hz_u12p4[0][6]	144	
2_FDD_FreqTblYM_Hz_u12p4[0][7]	160	
2_FDD_FreqTblYM_Hz_u12p4[0][8]	176	
2_FDD_FreqTblYM_Hz_u12p4[0][9]	192	
2_FDD_FreqTblYM_Hz_u12p4[0][10]	208	
2_FDD_FreqTblYM_Hz_u12p4[0][11]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][0]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][1]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	112	
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 6784	
_CmnVehSpd_Kph_u9p7[0] _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	
_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_ScaleFactorTblY_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]	179 794	
_WIRBIndTbIX_MtrNm_u8p8[0] _WIRBIndTbIX_MtrNm_u8p8[1]	819	
_WIRBINGTBIX_MINIT_uopo[1] _WIRBINGTBIX_MtrNm_u8p8[2]	845	
_WIRBINdTblX_MtrNm_u8p8[3]	870	

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Name	Input Value		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0846711174	-0.084671116 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.159999996	0.16 ± 0.0000009	~
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	~

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

Test Step 1.6 (Repeat Count = 1)	
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.001
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
_ (,,,,,,,,,,,,,,,	t .

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FilterCoefCalc	

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	~
tot filtCoef Ills T Str a2 Ills f32	4 24491215	4 244912015 + 0 000009	✓

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

Test Step 1.7 (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[0][11]	96
t2 FDD FreqTblYM Hz u12p4[1][1]	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	~

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

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

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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	~

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

Test Step 1.9 (Repeat Count = 1)	✓
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.004
VehicleSpeed_Kph_T_f32	16.25
WIRCmdAmpBlnd_MtrNm_T_f32	0
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	336
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	352
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	432
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	512
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752
t2_FDD_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

tgt_filtCoef_Uls_T_Str.a0_Uls_f32

tgt_filtCoef_Uls_T_Str.a1_Uls_f32

tgt_filtCoef_Uls_T_Str.a2_Uls_f32

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Name	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		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
Name	Actual Value	Expected Value	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	✓

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

2.84204841

-7.8026042

5.35534716

2.842048638 ± 0.000009

-7.802604057 ± 0.000009

5.355347305 ± 0.000009

Test Step 1.10 (Repeat Count = 1)	✓
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.005
VehicleSpeed_Kph_T_f32	32.28
WIRCmdAmpBInd_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_FreqTblYM_Hz_u12p4[1][9]	1440

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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 UIs u2p14[0]	4915		
t DmpFiltKpWIRBIndY Uls u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t DmpFiltKpWIRBIndY Uls u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t InrtCmp ScaleFactorTblY UIs 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_WIRBIndTblX_MtrNm_u8p8[3]	486		
t_WIRBIndTblX_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 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0554187112	0.055418708 ± 0.00000009	-
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.28349459	1.283494792 ± 0.000009	•
tgt filtCoef Uls T Str.a1 Uls f32	-6.49632454	-6.496324749 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.22018147	8.220180459 ± 0.000009	•

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

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

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Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
	6016		
t_CmnVehSpd_Kph_u9p7[6]	6144		
t_CmnVehSpd_Kph_u9p7[7]	6272		
t_CmnVehSpd_Kph_u9p7[8]			
t_CmnVehSpd_Kph_u9p7[9]	6400 6528		
t_CmnVehSpd_Kph_u9p7[10]			
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTblX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTblX_MtrNm_u8p8[3]	742		
t_WIRBIndTbIX_MtrNm_u8p8[4]	768		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.246170521	-0.246170482 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0480000004	0.048 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.198170513	0.198170482 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.976945579	0.976945693 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.9533534	-5.953353668 ± 0.000009	✓
			~

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

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

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FilterCoefCalc		(0)	2016ab
Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	192		
t2_FDD_FreqTbIYM_Hz_u12p4[1][2]	208		
t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	352		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t CmnVehSpd Kph u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t CmnVehSpd Kph u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	14746		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	243		
t InrtCmp ScaleFactorTblY Uls u9p7[4]	256		
t InrtCmp ScaleFactorTblY Uls u9p7[5]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	282		
	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	346		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTblX_MtrNm_u8p8[1]	947		
t_WIRBIndTblX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1024		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.170547396	-0.170547388 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0560000017	0.056 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.114547402	0.114547388 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.81319332	1.813193477 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.14600277	-7.14600287 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.04080439	7.040803652 ± 0.000009	

Test Step Call Trace				✓
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_FreqTbIYM_Hz_u12p4[0][1]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224		
t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	240		
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	352		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	640		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	672		
t_CmnVehSpd_Kph_u9p7[0]	32640		
t_CmnVehSpd_Kph_u9p7[1]	32640		
t_CmnVehSpd_Kph_u9p7[2]	32640		
t_CmnVehSpd_Kph_u9p7[3]	32640		
t_CmnVehSpd_Kph_u9p7[4]	32640		
t_CmnVehSpd_Kph_u9p7[5]	32640		
t_CmnVehSpd_Kph_u9p7[6]	32640		
t_CmnVehSpd_Kph_u9p7[7]	32640		
t_CmnVehSpd_Kph_u9p7[8]	32640		
t_CmnVehSpd_Kph_u9p7[9]	32640		
t_CmnVehSpd_Kph_u9p7[10]	32640		
t_CmnVehSpd_Kph_u9p7[11]	32640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358		
t_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	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	

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



Test Step 1.14 (Repeat Count = 1)			•
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.009		
VehicleSpeed_Kph_T_f32	96.62		
WIRCmdAmpBind_MtrNm_T_f32	1.3		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00013		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528 544		
t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560		
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	640		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_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_ScaleFactorTbIY_Uls_u9p7[4] t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[5]	64 77		
t_InrtCmp_ScaleFactor1blY_Uis_u9p7[5] t_InrtCmp_ScaleFactorTblY_Uis_u9p7[6]	90		
t_InrtCmp_ScaleFactor1blY_Uis_u9p7[6] t_InrtCmp_ScaleFactorTblY_Uis_u9p7[7]	102		
t_InrtCmp_ScaleFactor1blY_Uis_u9p7[/] t_InrtCmp_ScaleFactorTblY_Uis_u9p7[8]	115		
t_InitCmp_ScaleFactorTblY_Uis_u9p7[9]	128		
t_InitCmp_ScaleFactorTblY_Uis_u9p7[9] t_InitCmp_ScaleFactorTblY_Uis_u9p7[10]	141		
t_InitCmp_ScaleFactorTblY_Uis_u9p7[10] t_InitCmp_ScaleFactorTblY_Uis_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_WIRBIndTblX_MtrNm_u8p8[4]	1536		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0544182248	-0.054418228 ± 0.00000009	Nesul
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0719999969	0.072 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0175817721	-0.017581772 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.50426316	2.504263453 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.6513648	-7.651364918 ± 0.000009	
-g 50:_0:0_ · _0:00:0_!0 2	7.00100-10		

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





Test Step 1.15 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.01		
VehicleSpeed_Kph_T_f32	112.41		
WIRCmdAmpBInd_MtrNm_T_f32	1.4		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00014		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16 16		
t2_FDD_FreqTbIYM_Hz_u12p4[0][1] t2_FDD_FreqTbIYM_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_FreqTbIYM_Hz_u12p4[1][0]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224 240		
t2_FDD_FreqTblYM_Hz_u12p4[1][10] 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 77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] t InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
Name	Actual Value	Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0412790775	-0.04127908 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.079999982	0.08 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0387209207	-0.03872092 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.72832537	3.728325621 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99044704	-7.990446859 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.28122759	4.28122752 ± 0.000009	

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





Test Step 1.16 (Repeat Count = 1)			✓
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.011		
VehicleSpeed_Kph_T_f32	128.56		
WIRCmdAmpBInd_MtrNm_T_f32	1.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00015		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	272		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[3]	77 90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTblX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTblX_MtrNm_u8p8[3]	1971		
t_WIRBIndTblX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Dogult
			Result
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 ± 0.00000009	· ·
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.111160994	0.111160956 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.34697342	1.346973575 ± 0.000009	Ž
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.59078789	-6.590788107 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.06223869	8.062238318 ± 0.000009	_

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



Test Step 1.17 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.012		
VehicleSpeed_Kph_T_f32	144.52		
WIRCmdAmpBlnd_MtrNm_T_f32	1.6		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00016		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816 832		
t2_FDD_FreqTbIYM_Hz_u12p4[0][1] t2_FDD_FreqTbIYM_Hz_u12p4[0][2]	848		
t2_FDD_FreqTbIYM_Hz_u12p4[0][2]	864		
t2_FDD_F1eq1b1fM_F12_012p4[0][3] t2_FDD_F1eq1b1fM_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		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTblX_MtrNm_u8p8[2]	845		
t_WIRBIndTblX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.17973122	-0.179731222 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0960000008	0.096 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0837312266	0.083731222 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64792883	1.647929015 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97387695	-6.97387697 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.37819529	7.378194015 ± 0.000009	•

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Test Step Call Trace				V
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		
WIRCmdAmpBlnd_MtrNm_T_f32	1.7		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.0003		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424 7552		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]			
t_CmnVehSpd_Kph_u9p7[8]	7808 7936		
t_CmnVehSpd_Kph_u9p7[9]	8064		
t_CmnVehSpd_Kph_u9p7[10]			
t_CmnVehSpd_Kph_u9p7[11]	8192 1638		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0] t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277		
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]			
t DmpFiltKpWlRBIndY Uls u2p14[3]	4915 6554		
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	8192 64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115 128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050		
t_WIRBIndTblX_MtrNm_u8p8[1]	1030		
t_WIRBIndTblX_MtrNm_u8p8[2]	1101		
t_WIRBIndTblX_MtrNm_u8p8[3]	1126		
t_WIRBIndTblX_MtrNm_u8p8[4]	1152		
Name	Actual Value	Expected Value	Result
		Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0631598011	-0.063159799 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.104000002	0.104 ± 0.0000009	· ·
tgt_filtCoef_Uls_T_Str.b2_Uls_f32 tgt_filtCoef_Uls_T_Str.a0_Uls_f32	-0.0408402011	-0.040840201 ± 0.0000009	~
	3.47085524	3.47085539 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.96247482	-7.962474705 ± 0.000009	

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Test Step Call Trace				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_Fleq16lfM_Fiz_u12p4[0][3] t2_FDD_Fleq16lfM_Hz_u12p4[0][4]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1600		
t2 FDD FreqTbIYM Hz u12p4[1][2]	1600		
t2 FDD FreqTbIYM Hz u12p4[1][3]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1600		
t2 FDD FreqTbIYM Hz u12p4[1][5]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1600		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1306		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1331		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1357		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1382		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
Name	Actual Value	Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.173795044	-0.173795005 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.112000003	0.112 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0617950335	0.061795005 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.61782336	2.617823645 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.70810461	-7.708104611 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67407131	5.674071744 ± 0.000009	

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





Test Step 1.20 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.015		
VehicleSpeed_Kph_T_f32	192.52		
WIRCmdAmpBlnd_MtrNm_T_f32	1.9		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00032		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48 64		
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	80		
t2_FDD_FreqTbIYM_Hz_u12p4[0][2] t2_FDD_FreqTbIYM_Hz_u12p4[0][3]	96		
t2_FDD_F1eq1b1fW_F12_012p4[0][3] t2_FDD_F1eq1b1fW_F12_012p4[0][4]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672		
t2 FDD FreqTblYM Hz u12p4[1][2]	688		
t2 FDD FreqTbIYM Hz u12p4[1][3]	704		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752		
t2 FDD FreqTblYM Hz u12p4[1][7]	768		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_WIRBIndTbiX_MtrNm_u8p8[0]	1562		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1638		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.155867472	-0.155867459 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.119999997	0.12 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0358674712	0.035867459 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.82515574	2.825155925 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.79624844	-7.796248275 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.37859583	5.3785958 ± 0.000009	

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





Test Step 1.21 (Repeat Count = 1)			×
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.016		
VehicleSpeed_Kph_T_f32	208.12		
WIRCmdAmpBind_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_FreqTblYM_Hz_u12p4[0][7]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	32		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	192		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952 14080		
t_CmnVehSpd_Kph_u9p7[10]	14208		
t_CmnVehSpd_Kph_u9p7[11]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0] t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]			
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	9830 11469		
	13107		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4] t InrtCmp ScaleFactorTblY Uls u9p7[0]	141		
t InrtCmp ScaleFactorTblY Uls u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2] 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[10]	282		
t_WIRBIndTblX_MtrNm_u8p8[0]	0		
t_WIRBIndTblX_MtrNm_u8p8[1]	0		
t_WIRBIndTblX_MtrNm_u8p8[2]	0		
t_WIRBIndTblX_MtrNm_u8p8[3]	0		
t_WIRBIndTblX_MtrNm_u8p8[4]	0		
		Europete d Volum	
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0883268192	-0.088326814 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.128000006	0.128 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0396731868	-0.039673186 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.39172339	3.3917236 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94985914	-7.94985896 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.65841722	4.65841744 ± 0.000009	

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





Test Step 1.22 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.017		
VehicleSpeed_Kph_T_f32	224.01		
WIRCmdAmpBInd_MtrNm_T_f32	2.1		
filtCoef_UIs_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00034		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80 96		
t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	128		
t2 FDD FreqTblYM Hz u12p4[0][4]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	32		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	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]	176 192		
t2_FDD_FreqTblYM_Hz_u12p4[1][10] 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_UIs_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	14746		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2] t InrtCmp ScaleFactorTblY Uls u9p7[3]	192 205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_WIRBIndTbIX_MtrNm_u8p8[0]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[2]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[3]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2048		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.10374245	-0.103742449 ± 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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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	-





Test Step 1.23 (Repeat Count = 1)			·
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.018		
VehicleSpeed_Kph_T_f32	240.02		
WIRCmdAmpBInd_MtrNm_T_f32	3.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00035		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	176 192		
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	208		
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	208		
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	80		
t2_FDD_FreqTbIYM_Hz_u12p4[1][2] t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][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_Uls_u9p7[8]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	346		
t_WIRBIndTbIX_MtrNm_u8p8[0]	256		
t_WIRBIndTbIX_MtrNm_u8p8[1]	512		
t_WIRBIndTbIX_MtrNm_u8p8[2]	768		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1024		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.120654218	-0.120654218 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.143999994	0.144 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0233457759	-0.023345782 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.25202346	3.25202347 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.922647	-7.92264714 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.82532883	4.82532939 ± 0.000009	

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Test Step Call Trace				V
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_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00036		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	336 352		
t2_FDD_FreqTbIYM_Hz_u12p4[0][1] t2_FDD_FreqTbIYM_Hz_u12p4[0][2]	368		
t2_FDD_FreqTbIYM_Hz_u12p4[0][2]	384		
t2_FDD_FreqTbIYM_Hz_u12p4[0][3] t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	400		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	416		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	432		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	448		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	464		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	480		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	496		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	512		
t2 FDD FreqTblYM Hz u12p4[1][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80		
t2 FDD FreqTblYM Hz u12p4[1][2]	96		
t2 FDD FreqTbIYM 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 FreqTbIYM Hz u12p4[1][7]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.266277403	-0.266277387 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.151999995	0.152 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.114277415	0.114277387 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.55320787	2.55320816 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.67659283	-7.676592803 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.7701993	5.770199037 ± 0.000009	

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Test Step Call Trace				V
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			
WIRCmdAmpBlnd_MtrNm_T_f32	5.1			
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_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			
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	704			
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	720			
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	736 752			
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	768			
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	784			
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	800			
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	816			
t2_FDD_FreqTbIYM_Hz_u12p4[0][10] t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	832			
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80			
	96			
t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112			
t2_FDD_Fleq16IfM_Fl2_U12p4[1][2] t2_FDD_Fleq16IfM_Fl2_U12p4[1][3]	128			
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144			
t2_FDD_Fleq1blfM_Fiz_u12p4[1][4] t2_FDD_Fleq1blfM_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_WIRBIndTbIX_MtrNm_u8p8[0]	410			
t_WIRBIndTbIX_MtrNm_u8p8[1]	435			
t_WIRBIndTbIX_MtrNm_u8p8[2]	461			
t_WIRBIndTbIX_MtrNm_u8p8[3]	486			
t_WIRBIndTbIX_MtrNm_u8p8[4]	512			
Name	Actual Value	Expected Value	Resul	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0996317267	-0.099631729 ± 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 Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~





Test Step 1.26 (Repeat Count = 1)				
Name	Input Value			
ADDCoef_MtrNmSpRad_T_f32	0.021			
VehicleSpeed_Kph_T_f32	288.08	6.4		
WIRCmdAmpBlnd_MtrNm_T_f32 filtCoef Uls T Str				
k_InrtCmp_MtrInertia_KgmSq_f32	tgt_filtCoef_UIs_T_Str 0.00038			
k_intemp_mumerta_kgmoq_ioz t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296			
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	1312			
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328			
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1344			
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360			
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376			
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392			
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408			
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1424			
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1440			
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1456			
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472			
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	96			
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	112			
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128			
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144			
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160			
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	176			
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192			
t2_FDD_FreqTbIYM_Hz_u12p4[1][7]	208 224			
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	240			
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	256			
t2_FDD_FreqTbIYM_Hz_u12p4[1][10] t2_FDD_FreqTbIYM_Hz_u12p4[1][11]	272			
t_CmnVehSpd_Kph_u9p7[0]	12800			
t_CmnVehSpd_Kph_u9p7[1]	12928			
t_CmnVehSpd_Kph_u9p7[2]	13056			
t_CmnVehSpd_Kph_u9p7[3]	13184			
t_CmnVehSpd_Kph_u9p7[4]	13312			
t_CmnVehSpd_Kph_u9p7[5]	13440			
t_CmnVehSpd_Kph_u9p7[6]	13568			
t_CmnVehSpd_Kph_u9p7[7]	13696			
t_CmnVehSpd_Kph_u9p7[8]	13824			
t_CmnVehSpd_Kph_u9p7[9]	13952			
t_CmnVehSpd_Kph_u9p7[10]	14080			
t_CmnVehSpd_Kph_u9p7[11]	14208			
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915			
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	6554			
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192			
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830			
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38 51			
t_InrtCmp_ScaleFactor1blY_Uis_u9p7[2] t_InrtCmp_ScaleFactorTblY_Uis_u9p7[3]	64			
t_InrtCmp_ScaleFactorTblY_Uis_u9p7[3] t_InrtCmp_ScaleFactorTblY_Uis_u9p7[4]	77			
t_InitCrip_ScaleFactorTblY_Uis_u9p7[4] t_InrtCmp_ScaleFactorTblY_Uis_u9p7[5]	90			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166			
t_WIRBIndTbIX_MtrNm_u8p8[0]	666			
t_WIRBIndTbIX_MtrNm_u8p8[1]	691			
t_WIRBIndTbIX_MtrNm_u8p8[2]	717			
t_WIRBIndTbIX_MtrNm_u8p8[3]	742			
t_WIRBIndTbIX_MtrNm_u8p8[4]	768			
Name	Actual Value	Expected Value	Resul	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.211607069	-0.211607064 ± 0.0000009	•	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.167999998	0.168 ± 0.0000009	•	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0436070785	0.043607064 ± 0.00000009	•	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.26093268	2.260932845 ± 0.000009	•	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.50725317	-7.507253234 ± 0.000009	•	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.23181343	6.231813921 ± 0.000009		

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





Test Step 1.27 (Repeat Count = 1)			~	
Name	Input Value			
ADDCoef_MtrNmSpRad_T_f32	0.022			
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			
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216			
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232			
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248			
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264			
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280			
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296			
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312			
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	336			
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	352			
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368			
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384			
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400			
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416			
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432			
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448			
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464			
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480			
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496			
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512			
t_CmnVehSpd_Kph_u9p7[0]	15488			
t_CmnVehSpd_Kph_u9p7[1]	15616			
t_CmnVehSpd_Kph_u9p7[2]	15744			
t_CmnVehSpd_Kph_u9p7[3]	15872			
t_CmnVehSpd_Kph_u9p7[4]	16000			
t_CmnVehSpd_Kph_u9p7[5]	16128			
t_CmnVehSpd_Kph_u9p7[6]	16256 16384			
t_CmnVehSpd_Kph_u9p7[7]				
t_CmnVehSpd_Kph_u9p7[8]	16512			
t_CmnVehSpd_Kph_u9p7[9]	16640 16768			
t_CmnVehSpd_Kph_u9p7[10]	16896			
t_CmnVehSpd_Kph_u9p7[11]	1638			
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277			
t_DmpFiltKpWIRBIndY_Uls_u2p14[1] t DmpFiltKpWIRBIndY_Uls_u2p14[2]				
t DmpFiltKpWIRBIndY Uls u2p14[3]	4915 6554			
t DmpFiltKpWlRBIndY Uls u2p14[4]				
	8192 0			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	0			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]				
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[3]	0			
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[4]	0			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6] t InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0			
	0			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]				
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	0			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]				
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0			
t_WIRBIndTblX_MtrNm_u8p8[0]	922 947			
t_WIRBIndTblX_MtrNm_u8p8[1]	947			
t_WIRBIndTblX_MtrNm_u8p8[2]	973			
t_WIRBIndTblX_MtrNm_u8p8[3] t_WIRBIndTblX_MtrNm_u8p8[4]	1024			
		Even a set of Males		
Name	Actual Value	Expected Value	Resul	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0564835407	-0.056483543 ± 0.00000009		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.175999999	0.176 ± 0.0000009	•	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.119516462	-0.119516457 ± 0.0000009	•	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64792883	1.647929015 ± 0.000009	•	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97387695	-6.97387697 ± 0.000009	•	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.37819529	7.378194015 ± 0.000009	•	

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





Test Step 1.28 (Repeat Count = 1)			✓
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.023		
VehicleSpeed_Kph_T_f32	320.07		
WIRCmdAmpBInd_MtrNm_T_f32	8.2		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.0004		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11]	336 352		
	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704		
t2_FDD_FreqTbiYM_Hz_u12p4[1][3]	704		
t2 FDD FreqTblYM Hz u12p4[1][5]	736		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	750		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t_CmnVehSpd_Kph_u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t CmnVehSpd Kph u9p7[8]	11392		
t CmnVehSpd Kph u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t DmpFiltKpWIRBIndY Uls u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t DmpFiltKpWIRBIndY Uls u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTblX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.44143194	-0.44143189 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.184	0.184 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.257431924	0.25743189 ± 0.0000009	_
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.24206972	2.242070137 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.49469471	-7.49469476 ± 0.000009	_

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





Test Step 1.29 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.024		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBlnd_MtrNm_T_f32	336.06 4.5		
filtCoef Uls T Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00041		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	640 656		
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1360		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1376		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1392		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1408		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1424		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1440		
t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1456 1472		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11] t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	6656 4915		
t DmpFiltKpWIRBIndY Uls u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256 269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1536		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.64859736	-0.648597291 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.192000002	0.192 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.456597328	0.456597291 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64794874	1.647948707 ± 0.000009	· · · · · · · · ·
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97389889	-6.973898945 ± 0.000009	

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





Test Step 1.30 (Repeat Count = 1)			~
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]	880		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	896		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	912		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	928		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	944		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	960		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	976		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	992		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184		
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]	4352		
t_CmnVehSpd_Kph_u9p7[4]	4480		
t_CmnVehSpd_Kph_u9p7[5]	4608 4736		
t_CmnVehSpd_Kph_u9p7[6]	4864		
t_CmnVehSpd_Kph_u9p7[7]	4992		
t_CmnVehSpd_Kph_u9p7[8]	5120		
t_CmnVehSpd_Kph_u9p7[9]	5248		
t_CmnVehSpd_Kph_u9p7[10]			
t_CmnVehSpd_Kph_u9p7[11]	5376 6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0] t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]	9830		
t DmpFiltKpWIRBIndY Uls u2p14[3]	11469		
t_DmpFiltKpWlRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_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	Boor!4
		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	0.200000003	0.2 ± 0.0000009	· ·
tgt_filtCoef_Uls_T_Str.b2_Uls_f32 tgt_filtCoef_Uls_T_Str.a0_Uls_f32	-0.0716545135	-0.071654528 ± 0.00000009	~
	1.25517929	1.255179464 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45242405	-6.45242444 ± 0.000009	

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





Test Step 1.31 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.026		
VehicleSpeed_Kph_T_f32	368.01		
WIRCmdAmpBInd_MtrNm_T_f32	7.5		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.0005 1392		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1392		
t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1424		
t2_FDD_FreqTbIYM_Hz_u12p4[0][2]	1440		
t2_FDD_FreqTbIYM_Hz_u12p4[0][3]	1440		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1472		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1488		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1504		
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	1520		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1536		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1552		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1568		
t2 FDD FreqTblYM Hz u12p4[1][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	208		
t2 FDD FreqTbIYM Hz u12p4[1][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	240		
t2 FDD FreqTbIYM Hz u12p4[1][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	352		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.44634214	-0.446342077 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.208000004	0.208 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.238342136	0.238342077 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.7996192	1.7996192 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.13275242	-7.132752506 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.06762838	7.067628294 ± 0.000009	

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





Test Step 1.32 (Repeat Count = 1)			~
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.027		
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		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	640		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	640		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	672		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240 11520		
t_CmnVehSpd_Kph_u9p7[7]	12800		
t_CmnVehSpd_Kph_u9p7[8]			
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640 3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0] t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]			
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	6554 8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4] t InrtCmp ScaleFactorTblY Uls u9p7[0]	9830 179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230 243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	250		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] t InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307 320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	794		
t_WIRBIndTblX_MtrNm_u8p8[0]	819		
t_WIRBIndTblX_MtrNm_u8p8[1] t_WIRBIndTblX_MtrNm_u8p8[2]	845		
t_WIRBIndTblX_MtrNm_u8p8[3]	870		
t_WIRBIndTblX_MtrNm_u8p8[4]	896		
		Property of Males	
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.1716436	-0.171643583 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.216000006	0.216 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0443564057	-0.044356417 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.16740918	2.167409451 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.44288063	-7.442880571 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.38971043	6.389709978 ± 0.000009	•

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

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ADDCoefCalc

Project	FDD_Inertia
Module	FDD_Inertia
Test Object	ADDCoefCalc

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1
Successful	1
Failed	0
Not Executed	0



Module Properties

Project Root Directory	D:\Synergy_Work_Area\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_OFF -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract -I\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -\\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract -\\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -\\$(PROJECTROOT) \NxtrLib\include -\\$(PROJECTROOT)\StdDef\include -\\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description	on/Specification
Name	Text
Module 'FDD_Inertia'	**************************************
	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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1





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:

TS1.1 1409.00 Cycles 1399.00 Cycles 1399.00 Cycles 1430.00 Cycles 1487.00 Cycles 1387.00 Cycles 1432.00 Cycles 1541.00 Cycles 1375.00 Cycles 1386.00 Cycles 1375.00 Cycles 1375.00 Cycles 1387.00 Cycles 1387.00 Cycles 1387.00 Cycles 1556.00 Cycles 1587.00 Cycles TS1.2 TS1.3 TS1.4 TS1.6 TS1.7 TS1.8 TS1.9 TS1.10 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 TS1.18 1387.00 Cycles 1387.00 Cycles 1419.00 Cycles 1387.00 Cycles 1419.00 Cycles 1419.00 Cycles 1398.00 Cycles 1387.00 Cycles 1387.00 Cycles 1398.00 Cycles 1398.00 Cycles 1398.00 Cycles 1398.00 Cycles TS1.18 TS1.19 TS1.20 TS1.21 TS1.22 TS1.23 TS1.26 TS1.27 TS1.28 TS1.29 1398.00 Cycles 1601.00 Cycles 1419.00 Cycles 1387.00 Cycles 1387.00 Cycles 1387.00 Cycles 1387.00 Cycles 1398.00 Cycles 1398.00 Cycles TS1.30 TS1.31 TS1.32 TS1.33 TS1.34 TS1.35 TS1.36 TS1.37

Description

Test Vector Description

```
TS1 1 All min
```

TS1.2 All max

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

TS1.6 BaseAssistCmd_MtrNm_T_f32 pos

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

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

TS1.26 TS1.27

TS1.28

TS1.29 TS1.30

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 TS1.31

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	
WIRCmdAmpBInd_MtrNm_T_f32	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	0	

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Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	0		
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][0]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	0		
	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]			
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	0		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t CmnVehSpd Kph u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t CmnVehSpd Kph u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_DmpADDCoefX_MtrNm_u4p12[0]	0		
t_DmpADDCoefX_MtrNm_u4p12[1]	0		
t_DmpADDCoefX_MtrNm_u4p12[2]	0		
t_DmpADDCoefX_MtrNm_u4p12[3]	0		
t_DmpADDCoefX_MtrNm_u4p12[4]	0		
t_DmpADDCoefX_MtrNm_u4p12[5]	0		
t_DmpADDCoefX_MtrNm_u4p12[6]	0		
t_DmpADDCoefX_MtrNm_u4p12[7]	0		
t_DmpADDCoefX_MtrNm_u4p12[8]	0		
t_DmpADDCoefX_MtrNm_u4p12[9]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	0		
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		
	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]			
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]	0		
t_FDD_BlendTblY_Uls_u8p8[1]	0		
t_FDD_BlendTblY_Uls_u8p8[2]	0		
t_FDD_BlendTblY_Uls_u8p8[3]	0		
t_FDD_BlendTblY_Uls_u8p8[4]	0		
t_FDD_BlendTblY_Uls_u8p8[5]	0		
t_FDD_BlendTblY_Uls_u8p8[6]	0		
t_FDD_BlendTblY_Uls_u8p8[7]	0		
t_FDD_BlendTblY_Uls_u8p8[8]	0		
t_FDD_BlendTblY_Uls_u8p8[9]	0		
	0		
t_FDD_BlendTblY_Uls_u8p8[10]			
t_FDD_BlendTblY_Uls_u8p8[11]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	0		
	0		
t_WIRBIndTblX_MtrNm_u8p8[1]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3] t_WIRBIndTbIX_MtrNm_u8p8[4]	0 0 0 0	Expected Value	Result
t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3]	0 0 0	Expected Value 0 ± 0.000009	Result



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

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	8.8
VehicleSpeed_Kph_T_f32	511.9921875
WIRCmdAmpBInd_MtrNm_T_f32 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	8.8 6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	6554 6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	6554
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	6554
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640 36045
t_DmpADDCoefX_MtrNm_u4p12[0] t_DmpADDCoefX_MtrNm_u4p12[1]	36045
t_DmpADDCoefX_MtrNm_u4p12[2]	36045
t_DmpADDCoefX_MtrNm_u4p12[3]	36045
t DmpADDCoefX MtrNm u4p12[4]	36045
t_DmpADDCoefX_MtrNm_u4p12[5]	36045
t_DmpADDCoefX_MtrNm_u4p12[6]	36045
t_DmpADDCoefX_MtrNm_u4p12[7]	36045
t_DmpADDCoefX_MtrNm_u4p12[8]	36045
t_DmpADDCoefX_MtrNm_u4p12[9]	36045
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	6554
t_FDD_BlendTblY_Uls_u8p8[0]	256
t_FDD_BlendTblY_Uls_u8p8[1]	256
t_FDD_BlendTblY_Uls_u8p8[2]	256
t_FDD_BlendTblY_Uls_u8p8[3]	256
t_FDD_BlendTblY_Uls_u8p8[4]	256
t_FDD_BlendTblY_Uls_u8p8[5]	256
t_FDD_BlendTbIY_Uls_u8p8[6]	256
t_FDD_BlendTblY_Uls_u8p8[7]	256
t_FDD_BlendTblY_Uls_u8p8[8]	256

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[9]	256		
t_FDD_BlendTblY_Uls_u8p8[10]	256		
t_FDD_BlendTblY_Uls_u8p8[11]	256		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	16384		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	16384		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	16384		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	16384		
t_WIRBIndTbIX_MtrNm_u8p8[0]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[2]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[3]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2048		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0500030518	0.050003052 ± 0.00000009	~

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

Test Step 1.3 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-8.8
VehicleSpeed_Kph_T_f32	12.32
WIRCmdAmpBlnd_MtrNm_T_f32	5.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
t_DmpADDCoefX_MtrNm_u4p12[1]	4915
t_DmpADDCoefX_MtrNm_u4p12[2]	5325
t_DmpADDCoefX_MtrNm_u4p12[3]	5734
t_DmpADDCoefX_MtrNm_u4p12[4]	6144
t_DmpADDCoefX_MtrNm_u4p12[5]	6554
t_DmpADDCoefX_MtrNm_u4p12[6]	6963
t_DmpADDCoefX_MtrNm_u4p12[7]	7373
t_DmpADDCoefX_MtrNm_u4p12[8]	7782
t_DmpADDCoefX_MtrNm_u4p12[9]	8192
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553

t_WIRBIndTbIX_MtrNm_u8p8[4]

Name

ADDCoefCalc()

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Result

ADDCoefCalc	2014-09-19, 10.20.3310330	Razorcat
Name	Input Value	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
t_FDD_BlendTblY_Uls_u8p8[0]	3	
t_FDD_BlendTblY_Uls_u8p8[1]	5	
t_FDD_BlendTblY_Uls_u8p8[2]	8	
t_FDD_BlendTblY_Uls_u8p8[3]	10	
t_FDD_BlendTblY_Uls_u8p8[4]	13	
t_FDD_BlendTblY_Uls_u8p8[5]	15	
t_FDD_BlendTblY_Uls_u8p8[6]	18	
t_FDD_BlendTblY_Uls_u8p8[7]	20	
t_FDD_BlendTblY_Uls_u8p8[8]	23	
t_FDD_BlendTblY_Uls_u8p8[9]	26	
t_FDD_BlendTblY_Uls_u8p8[10]	28	
t_FDD_BlendTblY_Uls_u8p8[11]	31	
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638	
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	3277	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915	
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192	
t_WIRBIndTbIX_MtrNm_u8p8[0]	282	
t_WIRBIndTbIX_MtrNm_u8p8[1]	307	
t_WIRBIndTbIX_MtrNm_u8p8[2]	333	
t_WIRBIndTbIX_MtrNm_u8p8[3]	358	

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

Actual Value

0.0369348824

Expected Value

0.036934882 ± 0.00000009

384

Test Step 1.4 (Repeat Count = 1)	<u> </u>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	8.8
VehicleSpeed_Kph_T_f32	24
WIRCmdAmpBlnd_MtrNm_T_f32	6.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
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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Lemmerson Lemm	ADDCOCICAIC			
Lemmeshog Koh, Lipo719 14988 15580 15	Name	Input Value		
Comwhesper Lego, usp67[10] 15580 15680	t_CmnVehSpd_Kph_u9p7[9]			
DempADDCoeft, Minkm_ushr2[1]	t_CmnVehSpd_Kph_u9p7[10]	15360		
DimpADDCoefX, Mirkim_usip120 8002 9004 900	t_CmnVehSpd_Kph_u9p7[11]	16640		
DmpADDCocK_Mirkm_usp12[2]	t DmpADDCoefX MtrNm u4p12[0]	8602		
DmpADDCoeK, Mirkm, usp1223 9820	t_DmpADDCoefX_MtrNm_u4p12[1]	9011		
DempADDCoePK_Mirhm_u4p12[4] 10240 10250	t_DmpADDCoefX_MtrNm_u4p12[2]	9421		
DmpADDCoetX, MirNm_u4p128 10850	t_DmpADDCoefX_MtrNm_u4p12[3]	9830		
DmpADDCoeK MirNim_u4p12 6 11059 11469	t_DmpADDCoefX_MtrNm_u4p12[4]	10240		
DmpADDCoeff, MrNm_u4p12[7]	t_DmpADDCoefX_MtrNm_u4p12[5]	10650		
DmpADDCoefK MirNm_u4p12[8]	t_DmpADDCoefX_MtrNm_u4p12[6]	11059		
DMPADDCoefX_MtnVm_u4p12[9] 12288	t_DmpADDCoefX_MtrNm_u4p12[7]	11469		
FDD_ADDStaticTbIY_MirnPRadpS_um1p17(0) 704	t_DmpADDCoefX_MtrNm_u4p12[8]	11878		
FDD_ADDStaticTbIY_Mfr/mpRadps_um1p17[1] 924 925	t_DmpADDCoefX_MtrNm_u4p12[9]	12288		
FDD_ADDStaticTbrY_MtrNmpRadpS_um1p17[2] 924	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704		
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814		
FDD_ADDStaticTbY_MtrNmpRadpS_um1p17[4]	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924		
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034		
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 1364 1475	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144		
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254		
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 1585	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364		
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 1695	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475		
FDD_BlendTblY_Uls_u8p8[0] 5 5 5 5 5 5 5 5	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585		
FDD_BlendTblY_Uls_u8p8[1] 8	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695		
FDD_BlendTbiY_Uis_u8p8[2]	t FDD BlendTblY Uls u8p8[0]	5		
FDD_BlendTblY_Uls_u8p8[3] 13	t FDD BlendTblY Uls u8p8[1]	8		
FDD_BlendTblY_Uls_u8p8[4] 15 18 18 19 19 19 19 19 19	t_FDD_BlendTblY_Uls_u8p8[2]	10		
FDD_BlendTblY_Uls_u8p8[5] 18 20 20 20 20 20 20 20 2	t_FDD_BlendTblY_Uls_u8p8[3]	13		
FDD_BlendTbiY_Uls_u8p8[6] 20	t_FDD_BlendTblY_Uls_u8p8[4]	15		
FDD_BlendTblY_Uls_u8p8[7] 23	t_FDD_BlendTblY_Uls_u8p8[5]	18		
FDD_BlendTblY_Uls_u8p8[8] 26 FDD_BlendTblY_Uls_u8p8[9] 28 FDD_BlendTblY_Uls_u8p8[10] 31 FDD_BlendTblY_Uls_u8p8[11] 33 FDD_BlendTblY_Uls_u2p14[0] 3277 FLAStWIRBIndTblY_Uls_u2p14[1] 4915 FRIAStWIRBIndTblY_Uls_u2p14[2] 6554 FLAStWIRBIndTblY_Uls_u2p14[3] 8192 FLAStWIRBIndTblY_Uls_u2p14[4] 9830 FURBINDTBLX_MtrNm_u8p8[0] 538 FDD_BlendTblX_MtrNm_u8p8[1] 563 FDD_BlendTblX_MtrNm_u8p8[2] 589 FDD_BlendTblX_MtrNm_u8p8[4] 640 FDD_BlendTblY_Uls_u8p8[4] FSDECTED Value Resident Content of the content of	t_FDD_BlendTblY_Uls_u8p8[6]	20		
FDD_BlendTbIY_UIs_u8p8[9] 28	t_FDD_BlendTblY_Uls_u8p8[7]	23		
FDD_BlendTblY_Uls_u8p8[10] 31 33 33 34 35 35 35 35 35	t_FDD_BlendTblY_Uls_u8p8[8]	26		
FDD_BlendTbIY_UIs_u8p8[11] 33 RIAstWIRBIndTbIY_UIs_u2p14[0] 3277 _RIAstWIRBIndTbIY_UIs_u2p14[1] 4915 _RIAStWIRBIndTbIY_UIs_u2p14[2] 6554 _RIAStWIRBIndTbIY_UIs_u2p14[3] 8192 _RIAStWIRBIndTbIY_UIs_u2p14[4] 9830 _WIRBIndTbIX_MtrNm_u8p8[0] 538 _WIRBIndTbIX_MtrNm_u8p8[1] 563 _WIRBIndTbIX_MtrNm_u8p8[2] 589 _WIRBIndTbIX_MtrNm_u8p8[3] 614 _WIRBIndTbIX_MtrNm_u8p8[4] 640 _WIRBIndTbIX_MtrNm_u8p8[4] Result Value Expected Value Result Result Value	t_FDD_BlendTblY_Uls_u8p8[9]	28		
RIAstWIRBIndTbIY_UIs_u2p14[0] 3277 RIAstWIRBIndTbIY_UIs_u2p14[1] 4915 RIAStWIRBIndTbIY_UIs_u2p14[2] 6554 RIAStWIRBIndTbIY_UIs_u2p14[3] 8192 RIAStWIRBIndTbIX_MtrNm_u8p8[0] 538 WIRBIndTbIX_MtrNm_u8p8[1] 563 WIRBIndTbIX_MtrNm_u8p8[2] 589 WIRBIndTbIX_MtrNm_u8p8[3] 614 WIRBIndTbIX_MtrNm_u8p8[4] 640 WIRBINDTBIX_MtrNm_u8p8[4] Restended to the sum of the	t_FDD_BlendTblY_Uls_u8p8[10]	31		
RIAstWIRBIndTbIY_UIs_u2p14[1]	t_FDD_BlendTblY_Uls_u8p8[11]	33		
RiAstWiRBindTbiY_Uis_u2p14[2] 6554 RiAstWiRBindTbiY_Uis_u2p14[3] 8192 RiAstWiRBindTbiY_Uis_u2p14[4] 9830 WiRBindTbiX_MtrNm_u8p8[0] 538 WiRBindTbiX_MtrNm_u8p8[1] 563 WiRBindTbiX_MtrNm_u8p8[2] 589 WiRBindTbiX_MtrNm_u8p8[3] 614 WiRBindTbiX_MtrNm_u8p8[4] 640 WiRBindTbiX_MtrNm_u8p8[4] Rest	t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
RiAstWiRBindTbiY_Uis_u2p14[3] 8192 RiAstWiRBindTbiY_Uis_u2p14[4] 9830 WiRBindTbiX_MtrNm_u8p8[0] 538 WiRBindTbiX_MtrNm_u8p8[1] 563 WiRBindTbiX_MtrNm_u8p8[2] 589 WiRBindTbiX_MtrNm_u8p8[3] 614 WiRBindTbiX_MtrNm_u8p8[4] 640 WiRBindTbiX_MtrNm_u8p8[4] Result Value Expected Value Result	t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
RIAstWIRBIndTbIY_UIs_u2p14[4] 9830 WIRBIndTbIX_MtrNm_u8p8[0] 538 WIRBIndTbIX_MtrNm_u8p8[1] 563 WIRBIndTbIX_MtrNm_u8p8[2] 589 WIRBIndTbIX_MtrNm_u8p8[3] 614 WIRBIndTbIX_MtrNm_u8p8[4] 640 WIRBIndTbIX_MtrNm_u8p8[4] Actual Value Expected Value Result	t_RIAstWIRBIndTbIY_Uls_u2p14[2]	6554		
RIAstWIRBIndTbIY_Uls_u2p14[4] 9830	t_RIAstWIRBIndTbIY_Uls_u2p14[3]	8192		
	t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
	t_WIRBIndTbIX_MtrNm_u8p8[0]	538		
	t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
_WIRBIndTblX_MtrNm_u8p8[4] 640 Name Actual Value Expected Value Result	t_WIRBIndTbIX_MtrNm_u8p8[2]	589		
Name Actual Value Expected Value Rest	t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
· ·	t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
	Name	Actual Value	Expected Value	Resul
	ADDCoefCalc()	0.013426058	•	

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

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

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Manage	Inner A Welling		
Name	Input Value 1034		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1144		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1475		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1585		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	1695		
t_CmnVehSpd_Kph_u9p7[0]	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 1188		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1288		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	1389		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793		
t FDD BlendTblY Uls u8p8[0]	10		
t FDD BlendTblY Uls u8p8[1]	13		
t FDD BlendTblY Uls u8p8[2]	15		
t_FDD_BlendTblY_Uls_u8p8[3]	18		
t_FDD_BlendTblY_Uls_u8p8[4]	20		
t_FDD_BlendTblY_Uls_u8p8[5]	23		
t_FDD_BlendTblY_Uls_u8p8[6]	26		
t_FDD_BlendTblY_Uls_u8p8[7]	28		
t_FDD_BlendTblY_Uls_u8p8[8]	31		
t_FDD_BlendTblY_Uls_u8p8[9]	33		
t_FDD_BlendTblY_Uls_u8p8[10]	36		
t_FDD_BlendTblY_Uls_u8p8[11]	38		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469		
t_WIRBIndTblX_MtrNm_u8p8[0]	794		
t_WIRBIndTblX_MtrNm_u8p8[1]	819		
t_WIRBIndTblX_MtrNm_u8p8[2]	845		
t_WIRBIndTblX_MtrNm_u8p8[3]	870		
t_WIRBIndTblX_MtrNm_u8p8[4]	896	I=	1_
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00668188976	0.00668189 ± 0.000000009	~

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

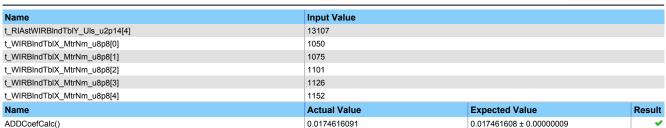




Test Step 1.6 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	5.25
VehicleSpeed_Kph_T_f32	48.12
WIRCmdAmpBInd_MtrNm_T_f32	8.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288 1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_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]	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]	1066
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1946
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2093
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	2387
t_FDD_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 31
t_FDD_BlendTblY_Uls_u8p8[7]	31 33
t_FDD_BlendTblY_Uls_u8p8[8]	
t_FDD_BlendTblY_Uls_u8p8[9]	36 38
t_FDD_BlendTblY_Uls_u8p8[10]	41
t FDD RiandThiV Lile u8p8[11]	71
t_FDD_BlendTblY_Uls_u8p8[11]	6554
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554 8192
	6554 8192 9830

ADDCoefCalc





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

Test Step 1.7 (Repeat Count = 1)	
	Input Value
Name	·
BaseAssistCmd_MtrNm_T_f32	-5.45
VehicleSpeed_Kph_T_f32	60
WIRCmdAmpBlnd_MtrNm_T_f32	5.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1793
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	20890
t_DmpADDCoefX_MtrNm_u4p12[1]	21299
t_DmpADDCoefX_MtrNm_u4p12[2]	21709
t_DmpADDCoefX_MtrNm_u4p12[3]	22118
t_DmpADDCoefX_MtrNm_u4p12[4]	22528
t_DmpADDCoefX_MtrNm_u4p12[5]	22938
t DmpADDCoefX MtrNm u4p12[6]	23347
t_DmpADDCoefX_MtrNm_u4p12[7]	23757
t_DmpADDCoefX_MtrNm_u4p12[8]	24166
t DmpADDCoefX MtrNm u4p12[9]	24576
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2030
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2422
	2814
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	
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





N	Instruct Walter		
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_RIAstWIRBIndTblY_Uls_u2p14[0]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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	-

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

Test Step 1.8 (Repeat Count = 1)		
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	1.1	
VehicleSpeed_Kph_T_f32	72.35	
WIRCmdAmpBInd_MtrNm_T_f32	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	1946	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	2093	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774	
t_CmnVehSpd_Kph_u9p7[0]	12800	
t_CmnVehSpd_Kph_u9p7[1]	12928	
t_CmnVehSpd_Kph_u9p7[2]	13056	
t CmnVehSpd Kph u9p7[3]	13184	
t CmnVehSpd Kph u9p7[4]	13312	
t CmnVehSpd Kph u9p7[5]	13440	
t_CmnVehSpd_Kph_u9p7[6]	13568	
t_CmnVehSpd_Kph_u9p7[7]	13696	
t_CmnVehSpd_Kph_u9p7[8]	13824	
t_CmnVehSpd_Kph_u9p7[9]	13952	
t_CmnVehSpd_Kph_u9p7[10]	14080	
t CmnVehSpd Kph u9p7[11]	14208	
t DmpADDCoefX MtrNm u4p12[0]	24986	
t DmpADDCoefX MtrNm u4p12[1]	25395	
t_DmpADDCoefX_MtrNm_u4p12[2]	25805	
t_DmpADDCoefX_MtrNm_u4p12[3]	26214	

ADDCoefCalc



Name	Input Value		
t_DmpADDCoefX_MtrNm_u4p12[4]	26624		
t_DmpADDCoefX_MtrNm_u4p12[5]	27034		
t_DmpADDCoefX_MtrNm_u4p12[6]	27443		
t_DmpADDCoefX_MtrNm_u4p12[7]	27853		
t_DmpADDCoefX_MtrNm_u4p12[8]	28262		
t_DmpADDCoefX_MtrNm_u4p12[9]	28672		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1427		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1655		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1884		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2112		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2340		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2568		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2796		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3024		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3252		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3480		
t_FDD_BlendTblY_Uls_u8p8[0]	18		
t_FDD_BlendTblY_Uls_u8p8[1]	20		
t_FDD_BlendTblY_Uls_u8p8[2]	23		
t_FDD_BlendTblY_Uls_u8p8[3]	26		
t_FDD_BlendTblY_Uls_u8p8[4]	28		
t_FDD_BlendTblY_Uls_u8p8[5]	31		
t_FDD_BlendTblY_Uls_u8p8[6]	33		
t_FDD_BlendTblY_Uls_u8p8[7]	36		
t_FDD_BlendTblY_Uls_u8p8[8]	38		
t_FDD_BlendTblY_Uls_u8p8[9]	41		
t_FDD_BlendTblY_Uls_u8p8[10]	44		
t_FDD_BlendTblY_Uls_u8p8[11]	46		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1638		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664		
Name	Actual Value Exp	pected Value	Result
ADDCoefCalc()	0.0107031446 0.01	10703144 ± 0.00000009	~

Test Step Call Trace				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

ADDCoefCalc

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Name	Input Value		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t CmnVehSpd Kph u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_DmpADDCoefX_MtrNm_u4p12[0]	28262		
t_DmpADDCoefX_MtrNm_u4p12[1]	28672		
t_DmpADDCoefX_MtrNm_u4p12[2]	29082		
t_DmpADDCoefX_MtrNm_u4p12[3]	29491		
t_DmpADDCoefX_MtrNm_u4p12[4]	29901		
t_DmpADDCoefX_MtrNm_u4p12[5]	30310		
t DmpADDCoefX MtrNm u4p12[6]	30720		
t_DmpADDCoefX_MtrNm_u4p12[7]	31130		
t_DmpADDCoefX_MtrNm_u4p12[8]	31539		
t_DmpADDCoefX_MtrNm_u4p12[9]	31949		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1608		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2455		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2878		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3302		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[5]	3725		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4148		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419		
t_FDD_BlendTblY_Uls_u8p8[0]	20		
t_FDD_BlendTblY_Uls_u8p8[1]	23		
t_FDD_BlendTblY_Uls_u8p8[2]	26		
t_FDD_BlendTblY_Uls_u8p8[3]	28		
t_FDD_BlendTblY_Uls_u8p8[4]	31		
t_FDD_BlendTblY_Uls_u8p8[5]	33		
t_FDD_BlendTblY_Uls_u8p8[6]	36		
t_FDD_BlendTblY_Uls_u8p8[7]	38		
t_FDD_BlendTblY_Uls_u8p8[8]	41		
t_FDD_BlendTblY_Uls_u8p8[9]	44		
t_FDD_BlendTblY_Uls_u8p8[10]	46		
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t RIAstWIRBIndTblY UIs u2p14[0]	3277		
t RIAstWIRBIndTblY Uls u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_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
ADDCoofCalc()	0.0121170254	0.012117026 ± 0.00000000	Result

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

0.0121170254

Test Step 1.10 (Repeat Count = 1)		V
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()

0.012117026 ± 0.00000009

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710000000000		(11111110110
Name	Input Value	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	2568	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572 4995	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419	
t_CmnVehSpd_Kph_u9p7[0]	10368	
t_CmnVehSpd_Kph_u9p7[1]	10496	
t_CmnVehSpd_Kph_u9p7[2]	10624	
t_CmnVehSpd_Kph_u9p7[3]	10752	
t_CmnVehSpd_Kph_u9p7[4]	10880	
t_CmnVehSpd_Kph_u9p7[5]	11008	
t_CmnVehSpd_Kph_u9p7[6]	11136	
t_CmnVehSpd_Kph_u9p7[7]	11264	
t_CmnVehSpd_Kph_u9p7[8]	11392	
t_CmnVehSpd_Kph_u9p7[9]	11520	
t_CmnVehSpd_Kph_u9p7[10]	11648	
t_CmnVehSpd_Kph_u9p7[11]	11776	
t_DmpADDCoefX_MtrNm_u4p12[0]	24986	
t_DmpADDCoefX_MtrNm_u4p12[1]	25395	
t_DmpADDCoefX_MtrNm_u4p12[2]	25805	
t_DmpADDCoefX_MtrNm_u4p12[3]	26214	
t_DmpADDCoefX_MtrNm_u4p12[4]	26624	
t_DmpADDCoefX_MtrNm_u4p12[5]	27034	
t_DmpADDCoefX_MtrNm_u4p12[6]	27443	
t_DmpADDCoefX_MtrNm_u4p12[7]	27853	
t_DmpADDCoefX_MtrNm_u4p12[8]	28262	
t_DmpADDCoefX_MtrNm_u4p12[9]	28672	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789 2130	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4175	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856	
t_FDD_BlendTblY_Uls_u8p8[0]	49	
t_FDD_BlendTblY_Uls_u8p8[1]	51	
t_FDD_BlendTblY_Uls_u8p8[2]	54	
t_FDD_BlendTblY_Uls_u8p8[3]	57	
t_FDD_BlendTblY_Uls_u8p8[4]	60	
t_FDD_BlendTblY_Uls_u8p8[5]	63	
t_FDD_BlendTblY_Uls_u8p8[6]	66	
t_FDD_BlendTblY_Uls_u8p8[7]	68	
t_FDD_BlendTblY_Uls_u8p8[8]	71	
t_FDD_BlendTblY_Uls_u8p8[9]	74	
t_FDD_BlendTblY_Uls_u8p8[10]	77	
t_FDD_BlendTblY_Uls_u8p8[11]	80	
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554	
t_RIAstWIRBIndTblY_Uls_u2p14[2]	8192	
t_RIAstWIRBIndTblY_Uls_u2p14[3]	9830	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469	
t_WIRBIndTblX_MtrNm_u8p8[0]	410	
t_WIRBIndTblX_MtrNm_u8p8[1]	435	
t_WIRBIndTbIX_MtrNm_u8p8[2]	461	
t_WIRBIndTblX_MtrNm_u8p8[3]	486 512	
t_WIRBIndTbIX_MtrNm_u8p8[4]		d Volus
Name ADDCoofColo()	Actual Value Expecte	
ADDCoefCalc()	0.0130879935 0.0130879	993 ± 0.00000009



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

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





Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[9]	88		
t_FDD_BlendTblY_Uls_u8p8[10]	91		
t_FDD_BlendTblY_Uls_u8p8[11]	93		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTbIX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTbIX_MtrNm_u8p8[3]	742		
t_WIRBIndTbIX_MtrNm_u8p8[4]	768		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00417164806	0.004171648 ± 0.000000009	~

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

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

Name

ADDCoefCalc()

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Result

ADDCoefCalc	2014-03-13, 10.20.55+0550	Razorcat
Name	Input Value	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409	
t_FDD_BlendTblY_Uls_u8p8[0]	93	
t_FDD_BlendTblY_Uls_u8p8[1]	96	
t_FDD_BlendTblY_Uls_u8p8[2]	99	
t_FDD_BlendTblY_Uls_u8p8[3]	101	
t_FDD_BlendTblY_Uls_u8p8[4]	104	
t_FDD_BlendTblY_Uls_u8p8[5]	106	
t_FDD_BlendTblY_Uls_u8p8[6]	109	
t_FDD_BlendTblY_Uls_u8p8[7]	111	
t_FDD_BlendTblY_Uls_u8p8[8]	114	
t_FDD_BlendTblY_Uls_u8p8[9]	116	
t_FDD_BlendTblY_Uls_u8p8[10]	119	
t_FDD_BlendTblY_Uls_u8p8[11]	122	
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192	
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830	
t_RIAstWIRBIndTbIY_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	

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

Actual Value

0.0185419321

Expected Value

0.018541932 ± 0.00000009

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

ADDCoefCalc

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		,
Name	Input Value	
t_CmnVehSpd_Kph_u9p7[9]	1280	
t_CmnVehSpd_Kph_u9p7[10]	1408	
t_CmnVehSpd_Kph_u9p7[11]	1536	
t_DmpADDCoefX_MtrNm_u4p12[0]	8602	
t_DmpADDCoefX_MtrNm_u4p12[1]	9011	
t_DmpADDCoefX_MtrNm_u4p12[2]	9421	
t_DmpADDCoefX_MtrNm_u4p12[3]	9830	
t_DmpADDCoefX_MtrNm_u4p12[4]	10240	
t_DmpADDCoefX_MtrNm_u4p12[5]	10650	
t_DmpADDCoefX_MtrNm_u4p12[6]	11059	
t_DmpADDCoefX_MtrNm_u4p12[7]	11469	
t_DmpADDCoefX_MtrNm_u4p12[8]	11878	
t_DmpADDCoefX_MtrNm_u4p12[9]	12288	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
t_FDD_BlendTblY_Uls_u8p8[0]	116	
t_FDD_BlendTblY_Uls_u8p8[1]	118	
t_FDD_BlendTblY_Uls_u8p8[2]	121	
t_FDD_BlendTblY_Uls_u8p8[3]	123	
t_FDD_BlendTblY_Uls_u8p8[4]	126	
t_FDD_BlendTblY_Uls_u8p8[5]	129	
t_FDD_BlendTblY_Uls_u8p8[6]	131	
t_FDD_BlendTblY_Uls_u8p8[7]	134	
t_FDD_BlendTblY_Uls_u8p8[8]	136	
t_FDD_BlendTblY_Uls_u8p8[9]	139	
t_FDD_BlendTblY_Uls_u8p8[10]	141	
t_FDD_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_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
IntolVarVV u16 u16Vu16V Cot	5	IntolVarVV u16 u16Vu16V Cot	5	-

Actual Value

0.00872414559

Expected Value

0.008724146 ± 0.000000009

1229

1254

1280

Test Step 1.14 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.7
VehicleSpeed_Kph_T_f32	108
WIRCmdAmpBlnd_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

t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3]

t_WIRBIndTbIX_MtrNm_u8p8[4]

Name

ADDCoefCalc()

Result





Name	Input Value		
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][3]	661		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	994		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1160		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpADDCoefX_MtrNm_u4p12[0]	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]	152 154		
t_FDD_BlendTblY_Uls_u8p8[4] 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_RIAstWIRBIndTblY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
	1510		
t_WIRBIndTblX_MtrNm_u8p8[3]			
t_WIRBINdTblX_MtrNm_u8p8[4]	1536		
	1536 Actual Value	Expected Value	Result

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





Secretary Secr	Test Step 1.15 (Repeat Count = 1)	✓
Vebicle-Sept Self. T. ID2	Name	Input Value
Microardwine_Mining_M	BaseAssistCmd_MtrNm_T_f32	1.8
2. FDA_DOCROBINITY_MINIPRESS_UNITSTORY 228	VehicleSpeed_Kph_T_f32	120.14
2_FDQ_ADDROING TON_MINIPREASS_UNFF[70] 64		
B_FIDA_DORDINGINALY_MARMPROBASE_unip1709 494 B_FIDA_DORDINGINALY_MARMPROBASE_unip1709 527 B_FIDA_DORDINGINALY_MARMPROBASE_unip1709 504 B_FIDA_DORDINGINALY_MARMPROBASE_unip1709 504 B_FIDA_DORDINGINALY_MARMPROBASE_unip1709 504 B_FIDA_DORDINGINALY_MARMPROBASE_unip1709 505 B_FIDA_DORDINGINALY_MARMPORASE_UNip1709 505 B_FIDA_DORDINGINAL_MARMPORASE_UNip1709 505 B_FIDA_DORDINGINAL_MARMPORASE_UNIP1		
2. FOO. DOPCRIMING PINTM. MININGRIBLESS. unit p. 170 16 227		
2_FDD_ADRIGINGTON'Memberplacesunit_PTU[0]		
Pubmishing Pub		
Page		
1.2.PDD_ADRIGING_PMM_AINTPRODUCT_ 2.PDD_ADRIGING_PMM_AINTPRODUCT_ 3.PDD_ADRIGING_PMM_AINTPRODUCT_ 3.PDD_ADRIGING_PMM_AINTPRODUCT_ 3.PDD_ADRIGING_PMM_AINTPRODUCT_ 3.PDD_ADRIGING_PMM_AINTPRODUCT_ 3.PDD_ADRIGING_PMM_AINTPRODUCT_ 3.PDD_ADRIGING_PMM_AINTPRODUCT_ 3.PDD_ADRIGING_PMM_AINTPRODUCT_ 3.PDD_ADRIGING_PMM_AINTPRODUCT_ 3.PDD_ADRIGING_PMM_AINTPRODUCT_ 4.PDD_ADRIGING_PMM_AINTPRODUCT_ 5.PDD_ADRIGING_PMM_AINTPRODUCT_ 5.		
2_FDQ_DORGRING TXVM_Minterplackgis_unitsyTrip 9 1659		1326
2. FDA_DROREINGTHAM_Mithrostasis_unitsTri[10] 542 2. FDA_DROREINGTHAM_Mithrostasis_unitsTri[10] 663 2. FDA_DROREINGTHAM_Mithrostasis_unitsTri[10] 1044 2. FDA_DROREINGTHAM_Mithrostasis_unitsTri[10] 1044 2. FDA_DROREINGTHAM_Mithrostasis_unitsTri[10] 1044 2. FDA_DROREINGTHAM_Mithrostasis_unitsTri[10] 266 2. FDA_DROREINGTHAM_Mithrostasis_unitsTri[10] 266 2. FDA_DROREINGTHAM_Mithrostasis_unitsTri[10] 267 2. FDA_DROREINGTHAM_Mithrostasis_unitsTri[10] 267 2. FDA_DROREINGTHAM_Mithrostasis_unitsTri[10] 268 2. FDA_DROREINGTHAM_Mithrostasis_unitsTri[10] 269 2. FDA_DROREINGTHAM_UnitsTri[10] 269 2. FDA_DROREINGTHAM_	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
2_FDA_ADRORAING TANN_MININGRASS_units (TYT) 583 2_FDA_ADRORAING TANN_MININGRASS_units (TYT) 3104 2_FDA_ADRORAING TANN_MININGRASS	t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1659
2 File ADDROILING THAM Mitherpackage unit print 13 2 File ADDROILING THAM Mitherpackage unit print 14 2 File ADDROILING THAM Mitherpackage unit print 16 2 File ADDROILING THAM Mitherpackage unit print 17 3 File ADDROILING THAM Mi	t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	
2.FDA_DAPGelling/IbMM_MinripReads_unitpTI[18] 1344 2.FDA_DAPGelling/IbMM_MinripReads_unitpTI[18] 2046 2.FDA_DAPGelling/IbMM_MinripReads_unitpTI[18] 2046 2.FDA_DAPGelling/IbMM_MinripReads_unitpTI[18] 2046 2.FDA_DAPGelling/IbMM_MinripReads_unitpTI[18] 2048 2.FDA_DAPGelling/IbMM_MinripReads_unitpTI[18] 3049 2.FDA_DAPGELING/IbMM_MinripReads_unitpTI[18] 3049 2.FDA_DAPGELING/IbMM_MinripReads_unitpTI[18] 3049 2.FDA_DAPGELING/IbMM_MinripReads_unitpTI[18] 7040 2.FDA_DAPGELING/IbMM_MinripReads_		
2.EDD_ADRORINGTON_MinhvepEadqS_umisyTrijis 206 2.EDD_ADRORINGTON_MinhvepEadqS_umisyTrijis 2387 2.EDD_ADRORINGTON_MinhvepEadqS_umisyTrijis 2387 2.EDD_ADRORINGTON_MinhvepEadqS_umisyTrijis 2387 2.EDD_ADRORINGTON_MinhvepEadqS_umisyTrijis 2387 2.EDD_ADRORINGTON_MinhvepEadqS_umisyTrijis 2408 2.EDD_ADRORINGTON_MinhvepEadqS_umisyTrijis 2409 2.EDM_ADRORINGTON_MinhvepEadqS_umisyTrijis 24094 2.EDM_ADRORINGTON_MinhvepEadqS_umisyTr		
2. FDD. ADRRIGINGTOWN_Minniprolacy_surristry 15 2. FDD. ADRRIGIN		
22. EDD. ADPROITING TOWN. Minnerplacks, smit p1711717 27.8 22. EDD. ADPROITING TOWN. Minnerplacks, smit p1711717 27.8 23. EDD. ADPROITING TOWN. Minnerplacks, smit p1711719 3098 2. EDD. ADPROITING TOWN. Minnerplacks, smit p171719 4099 2. EDD. ADPROITING TOWN. Minnerplacks, smit p171719 4764 2. EDD. ADPROITING TOWN. Minnerplacks, smit p17171 4768 2. EDD. ADPROITING TOWN. Minnerplacks, smit p17171 4764 2. EDD. ADPROITING TOWN. Minnerplacks, smit p17171 4764 2. EDD. ADPROITING TOWN. Minnerplacks, smit p17171 4769 2. EDD. ADPROITING TOWN. Minnerplacks, smit p17171		
Z.FDD ADRIGHTS Minking Marks min 17 17 18 18 18 18 18 18		
IL FOD ADDRESING TAYN_MANNERARS, unit p TT 19		
IZ_FDD_ADDRallingTurVis_MethingRadisS_umitp17(1)[9] 349 L ComnVestSed Kon_usp7(1) 6912 L ComnVestSed Kon_usp7(1) 749 L ComnVestSed Kon_usp7(3) 718 L ComnVestSed Kon_usp7(4) 7296 L ComnVestSed Kon_usp7(3) 744 L ComnVestSed Kon_usp7(3) 7424 L ComnVestSed Kon_usp7(3) 7522 L ComnVestSed Kon_usp7(3) 780 L ComnVestSed Kon_usp7(3) 780 L ComnVestSed Kon_usp7(7) 780 L ComnVestSed Kon_usp7(7) 880 L DomADDOCEN Konthm_usp7(7) 885 <td< td=""><td></td><td></td></td<>		
LCmWaSbad, Kin, Lu6717 912		
L Comvished, Kin, usp?[1]		
Comversor Ken _uspright		
Com/vehSpd_Kph_ulp7r s	t_CmnVehSpd_Kph_u9p7[2]	7040
Comvieshod_Kon_usp76 7444 Comvieshod_Kon_usp77 7580 Comvieshod_Kon_usp77 8192 Comvieshod_Kon_usp77 8192 Comvieshod_Kon_usp77 8192 Comvieshod_Kon_usp77 8192 Comvieshod_Kon_usp77 8192 Comvieshod_Kon_usp77 8192 CompaDDCock_Minlom_usp120 38045 CompaDDCock_Minlom_usp120	t_CmnVehSpd_Kph_u9p7[3]	7168
Cmm/ehSpd_Kpn_ubp778 7552 Cmm/ehSpd_Kpn_ubp778 7680 Cmm/ehSpd_Kpn_ubp778 7680	t_CmnVehSpd_Kph_u9p7[4]	7296
ComvehSpd.Kpp.u8p718 7888 ComvehSpd.Kpp.u8p719 7898 ComvehSpd.Kpp.u8p719 7898 ComvehSpd.Kpp.u8p719 7898 ComvehSpd.Kpp.u8p719 8898 ComvehSpd.Kpp.u8p719 8898 ComvehSpd.Kpp.u8p719 8898 ComvehSpd.Kpp.u8p711 8892 CompaDDCoet Minim.ysp12(1) 38945 CompaDDCoet Minim.ysp12(1) 38945 CompaDDCoet Minim.ysp12(2) 38945 CompaDDCoet Minim.ysp12(3) 38945 CompaDDCoet Minim.ysp12(4) 38945 CompaDDCoet Minim.ysp12(4) 38945 CompaDDCoet Minim.ysp12(5) 38945 CompaDDCoet Minim.ysp12(6) 38945 CompaDDCoet Minim.ysp12(7) 38945 CompaDDCoet Minim.ysp12(7) 38945 CompaDDCoet Minim.ysp12(8) 38945 CompaDDCoet Minim.ys	t_CmnVehSpd_Kph_u9p7[5]	7424
ComvehSpd_Kpn_u8p7[0] 7808 ComvehSpd_Kpn_u8p7[10] 7808 ComvehSpd_Kpn_u8p7[10] 8084 ComvehSpd_Kpn_u8p7[11] 8192 ComvehSpd_Kpn_u8p7[11] 8192 CompaDDCoetKMrkm_u4p12[0] 30845 CompaDDCoetKMrkm_u4p12[1] 30845 CompaDDCoetKMrkm_u4p12[2] 30845 CompaDDCoetKMrkm_u4p12[3] 30845 CompaDDCoetKMrkm_u4p12[3] 30845 CompaDDCoetKMrkm_u4p12[3] 30845 CompaDDCoetKMrkm_u4p12[4] 30845 CompaDDCoetKMrkm_u4p12[6] 30845 CompaDDCoetKMrkm_u4p12[6] 30845 CompaDDCoetKMrkm_u4p12[7] 30845 CompaDDCoetKMrkm_u4p12[8] 30845 CompaDDCoetKMrkm_u4p12[8] 30845 CompaDDCoetKMrkm_u4p12[9] 30845 CompaDDCoetKMrkm_u4p12[9] 30845 CompaDDCoetKMrkm_u4p12[9] 30845 CompaDDCoetKMrkm_u4p12[9] 30845 CompaDDCoetKMrkm_u4p12[9] 30845 CompaDDCoetKMrkm_u4p12[9] 30845 CompaDDCoetKMrkm_u4p12[8] 30845 CompaDDCoetKMrkm_u4p12[9] 30845 CompaDDCoetKM		
ComvehSpd Kph_u8p7[10] 8064 ComvehSpd Kph_u8p7[10] 8064 ComvehSpd Kph_u8p7[11] 8192 ComvehSpd Kph_u8p7[11] 8192 CompADDCoceK_Minkm_u4p12[1] 30045 CompADDCoceK_Minkm_u4p12[2] 30045 CompADDCoceK_Minkm_u4p12[3] 30045 CompADDCoceK_Minkm_u4p12[4] 30045 CompADDCoceK_Minkm_u4p12[4] 30045 CompADDCoceK_Minkm_u4p12[4] 30045 CompADDCoceK_Minkm_u4p12[4] 30045 CompADDCoceK_Minkm_u4p12[6] 30045 CompADDCoceK_Minkm_u4p12[7] 30045 CompADDCoceK_Minkm_u4p12[8]		
LCmveNsSed_Kpl_usp7[10] 8192 LCmveNsSed_Kpl_usp7[11] 8192 LCmveNsSed_Kpl_usp7[11] 30045 LDmpADDCoeth_Within_usp12[0] 30045 LDmpADDCoeth_Within_usp12[1] 30045 LDmpADDCoeth_Within_usp12[2] 30045 LDmpADDCoeth_Within_usp12[2] 30045 LDmpADDCoeth_Within_usp12[2] 30045 LDmpADDCoeth_Within_usp12[9] 30045 LFDD_ADDStaticTbY_WithinpRadpS_ump17[0] 885 LFDD_ADDStaticTbY_WithinpRadpS_ump17[2] 1007 LFDD_ADDStaticTbY_WithinpRadpS_ump17[2] 1007 LFDD_ADDStaticTbY_WithinpRadpS_ump17[2] 1188 LFDD_ADDStaticTbY_WithinpRadpS_ump17[4] 1288 LFDD_ADDStaticTbY_WithinpRadpS_ump17[4] 1399 LFDD_ADDStaticTbY_WithinpRadpS_ump17[9] 1490 LFDD_ADDStaticTbY_WithinpRadpS_ump17[9] 1490 LFDD_ADDStaticTbY_WithinpRadpS_ump17[9] 1490 LFDD_ADDStaticTbY_WithinpRadpS_ump17[9] 1490 LFDD_ADDStaticTbY_WithinpRadpS_ump17[9] 1793 LFDD_ADDStaticTbY_WithinpRadpS_ump17[9] 1793 LFDD_ADDStaticTbY_WithinpRadpS_ump17[9] 1793 LFDD_BlendTbY_Usl_usp8[0] 172 LFDD_BlendTbY_Usl_usp8[0] 176 LFDD_BlendTbY_Usl_usp8[0] 185 LFDD_BlendTbY_Usl_usp8[0] 185 LFDD_BlendTbY_Usl_usp8[0] 185 LFDD_BlendTbY_Usl_usp8[0] 185 LFDD_BlendTbY_Usl_usp8[0] 185 LFDD_BlendTbY_Usl_usp8[0] 185 LFDD_BlendTbY_Usl_usp8[0] 189 LFDD_Blen		
CmmyADDCoetN, Within, usp12(1) 36045		
DmpADDCoefX, MirNm_u4p12[0] 36045 DmpADDCoefX, MirNm_u4p12[1] 36045 DmpADDCoefX, MirNm_u4p12[2] 36045 DmpADDCoefX, MirNm_u4p12[3] 36045 DmpADDCoefX, MirNm_u4p12[3] 36045 DmpADDCoefX, MirNm_u4p12[5] 36045 DmpADDCoefX, MirNm_u4p12[6] 36045 DmpADDCoefX, MirNm_u4p12[6] 36045 DmpADDCoefX, MirNm_u4p12[7] 36045 DmpADDCoefX, MirNm_u4p12[7] 36045 DmpADDCoefX, MirNm_u4p12[7] 36045 DmpADDCoefX, MirNm_u4p12[7] 36045 DmpADDCoefX, MirNm_u4p12[9]		
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LDmpADDCoeff, MrNm_u4p12[3] 36045 LDmpADDCoeff, MrNm_u4p12[4] 36045 LDmpADDCoeff, MrNm_u4p12[6] 36045 LDmpADDCoeff, MrNm_u4p12[6] 36045 LDmpADDCoeff, MrNm_u4p12[6] 36045 LDmpADDCoeff, MrNm_u4p12[7] 36045 LDmpADDCoeff, MrNm_u4p12[8] 36045 LDmpADDCoeff, MrNm_u4p12[8] 36045 LDmpADDCoeff, MrNm_u4p12[8] 36045 LDmpADDCoeff, MrNm_u4p12[8] 36045 LDmpADDCoeff, MrNm_u4p12[9] 36045 LDmpADDCoeff, MrNm_u4p12[9] 36045 LFDD_ADDStaticTibY_MrNmpRadpS_um1p17[0] 885 LFDD_ADDStaticTibY_MrNmpRadpS_um1p17[0] 885 LFDD_ADDStaticTibY_MrNmpRadpS_um1p17[2] 1087 LFDD_ADDStaticTibY_MrNmpRadpS_um1p17[3] 1188 LFDD_ADDStaticTibY_MrNmpRadpS_um1p17[4] 1288 LFDD_ADDStaticTibY_MrNmpRadpS_um1p17[6] 1389 LFDD_ADDStaticTibY_MrNmpRadpS_um1p17[6] 1490 LFDD_ADDStaticTibY_MrNmpRadpS_um1p17[6] 1490 LFDD_ADDStaticTibY_MrNmpRadpS_um1p17[8] 1692 LFDD_ADDStaticTibY_MrNmpRadpS_um1p17[8] 1793 LFDD_ADDStaticTibY_MrNmpRadpS_um1p17[8] 1793 LFDD_BendTibY_UIs_uBp8[1] 174 LFDD_BendTibY_UIs_uBp8[1] 174 LFDD_BendTibY_UIs_uBp8[3] 176 LFDD_BendTibY_UIs_uBp8[4] 180 LFDD_BendTibY_UIs_uBp8[4] 180 LFDD_BendTibY_UIs_uBp8[6] 185 LFDD_BendTibY_UIs_uBp8[6] 185 LFDD_BendTibY_UIs_uBp8[6] 185 LFDD_BendTibY_UIs_uBp8[8] 189 LFDD_		
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LDmpADDCoefx_MtrNm_u4p12[8] 36045 LDmpADDCoefx_MtrNm_u4p12[9] 36045 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] 885 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 986 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] 1087 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] 1087 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 1188 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 1288 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 1490 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 1490 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 1591 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 1692 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 1793 LFDD_BlendTblY_Uls_u8p8[1] 174 LFDD_BlendTblY_Uls_u8p8[2] 176 LFDD_BlendTblY_Uls_u8p8[3] 178 LFDD_BlendTblY_Uls_u8p8[4] 180 LFDD_BlendTblY_Uls_u8p8[4] 180 LFDD_BlendTblY_Uls_u8p8[6] 185 LFDD_BlendTblY_Uls_u8p8[7] 187 LFDD_BlendTblY_Uls_u8p8[7] 187 LFDD_BlendTblY_Uls_u8p8[7] 187 LFDD_BlendTblY_Uls_u8p8[7] 187 LFDD_BlendTblY_Uls_u8p8[7] 187 LFDD_BlendTblY_Uls_u8p8[1] 199 LFDD_BlendTblY_Uls_u8p8[1] 199 LFDD_BlendTblY_Uls_u8p8[1] 199 LFDD_BlendTblY_Uls_u8p8[1] 199 LFDD_BlendTblY_Uls_u8p8[1] 199 LFDD_BlendTblY_Uls_u8p8[1] 199 LRASKWIRBINTDLY_Uls_u2p14[1] 6654 LRASKWIRBINTDLY_Uls_u2p14[2] 8192	t_DmpADDCoefX_MtrNm_u4p12[6]	
t_DmpADDCoefX_MtrNm_u4p12[9] 36045 t_FDD_ADDStaticTbitY_MtrNmpRadpS_um1p17[0] 885 t_FDD_ADDStaticTbitY_MtrNmpRadpS_um1p17[1] 986 t_FDD_ADDStaticTbitY_MtrNmpRadpS_um1p17[2] 1087 t_FDD_ADDStaticTbitY_MtrNmpRadpS_um1p17[3] 1188 t_FDD_ADDStaticTbitY_MtrNmpRadpS_um1p17[6] 1288 t_FDD_ADDStaticTbitY_MtrNmpRadpS_um1p17[6] 1490 t_FDD_ADDStaticTbitY_MtrNmpRadpS_um1p17[6] 1490 t_FDD_ADDStaticTbitY_MtrNmpRadpS_um1p17[8] 1692 t_FDD_ADDStaticTbitY_MtrNmpRadpS_um1p17[9] 1793 t_FDD_BlendTbitY_UIs_u8p8[0] 172 t_FDD_BlendTbitY_UIs_u8p8[1] 174 t_FDD_BlendTbitY_UIs_u8p8[2] 176 t_FDD_BlendTbitY_UIs_u8p8[3] 178 t_FDD_BlendTbitY_UIs_u8p8[6] 185 t_FDD_BlendTbitY_UIs_u8p8[6] 185 t_FDD_BlendTbitY_UIs_u8p8[8] 189 t_FDD_BlendTbitY_UIs_u8p8[1] 191 t_FDD_BlendTbitY_UIs_u8p8[1] 193 t_FDD_BlendTbitY_UIs_u8p8[1] 195 t_FDD_BlendTbitY_UIs_u8p8[1] 195 t_FDD_BlendTbitY_UIs_u8p8[1] 195		
LFDD_ADDStaticTbIY_MtrNmpRadpS_umtp17[1] 986 LFDD_ADDStaticTbIY_MtrNmpRadpS_umtp17[2] 1087 LFDD_ADDStaticTbIY_MtrNmpRadpS_umtp17[3] 1188 LFDD_ADDStaticTbIY_MtrNmpRadpS_umtp17[4] 1288 LFDD_ADDStaticTbIY_MtrNmpRadpS_umtp17[5] 1389 LFDD_ADDStaticTbIY_MtrNmpRadpS_umtp17[6] 1490 LFDD_ADDStaticTbIY_MtrNmpRadpS_umtp17[7] 1591 LFDD_ADDStaticTbIY_MtrNmpRadpS_umtp17[8] 1692 LFDD_ADDStaticTbIY_MtrNmpRadpS_umtp17[9] 1793 LFDD_ADDStaticTbIY_Usu_B8p8[0] 172 LFDD_BlendTbIY_Uls_u8p8[1] 174 LFDD_BlendTbIY_Uls_u8p8[3] 178 LFDD_BlendTbIY_Uls_u8p8[4] 180 LFDD_BlendTbIY_Uls_u8p8[6] 183 LFDD_BlendTbIY_Uls_u8p8[6] 185 LFDD_BlendTbIY_Uls_u8p8[6] 185 LFDD_BlendTbIY_Uls_u8p8[8] 189 LFDD_BlendTbIY_Uls_u8p8[9] 191 LFDD_BlendTbIY_Uls_u8p8[1] 195 LFDD_BlendTbIY_Uls_u8p8[1] 195 LFDD_BlendTbIY_Uls_u2p14[0] 4915 LRIAStWIRBindTbIY_Uls_u2p14[0] 4915 LRIAStWIRBindTbIY_Uls_u2p14[2]		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 986 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] 1087 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 1188 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] 1288 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 1389 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 1490 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 1591 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 1692 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 1793 t_FDD_BlendTblY_Uls_u8p8[0] 172 t_FDD_BlendTblY_Uls_u8p8[1] 174 t_FDD_BlendTblY_Uls_u8p8[3] 178 t_FDD_BlendTblY_Uls_u8p8[3] 178 t_FDD_BlendTblY_Uls_u8p8[6] 183 t_FDD_BlendTblY_Uls_u8p8[6] 185 t_FDD_BlendTblY_Uls_u8p8[6] 185 t_FDD_BlendTblY_Uls_u8p8[6] 187 t_FDD_BlendTblY_Uls_u8p8[6] 189 t_FDD_BlendTblY_Uls_u8p8[6] 189 t_FDD_BlendTblY_Uls_u8p8[10] 193 t_FDD_BlendTblY_Uls_u8p8[10] 193 t_FDD_BlendTblY_Uls_u2p4[0] 4915 t_RlastWiRBindTblY_Uls_u2p4[1] 6554 t_RlastWiRB		
t_FDD_ADDStaticTbY_MtrNmpRadpS_um1p17[2] 1087 t_FDD_ADDStaticTbY_MtrNmpRadpS_um1p17[3] 1188 t_FDD_ADDStaticTbY_MtrNmpRadpS_um1p17[4] 1288 t_FDD_ADDStaticTbY_MtrNmpRadpS_um1p17[5] 1389 t_FDD_ADDStaticTbY_MtrNmpRadpS_um1p17[6] 1490 t_FDD_ADDStaticTbY_MtrNmpRadpS_um1p17[7] 1591 t_FDD_ADDStaticTbY_MtrNmpRadpS_um1p17[8] 1692 t_FDD_ADDStaticTbY_MtrNmpRadpS_um1p17[9] 1793 t_FDD_BlendTbY_UIs_u8p8[0] 172 t_FDD_BlendTbY_UIs_u8p8[1] 174 t_FDD_BlendTbY_UIs_u8p8[2] 176 t_FDD_BlendTbY_UIs_u8p8[3] 178 t_FDD_BlendTbY_UIs_u8p8[5] 183 t_FDD_BlendTbY_UIs_u8p8[6] 185 t_FDD_BlendTbY_UIs_u8p8[6] 185 t_FDD_BlendTbY_UIs_u8p8[9] 191 t_FDD_BlendTbY_UIs_u8p8[1] 189 t_FDD_BlendTbY_UIs_u8p8[1] 193 t_FDD_BlendTbY_UIs_u8p8[10] 193 t_FDD_BlendTbY_UIs_u8p8[11] 195 t_RIAstWiRBIndTbY_UIs_u2p14[0] 4915 t_RIAStWiRBIndTbY_UIs_u2p14[2] 8192		
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] 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[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[7] 187 t_FDD_BlendTblY_Uls_u8p8[8] 189 t_FDD_BlendTblY_Uls_u8p8[9] 191 t_FDD_BlendTblY_Uls_u8p8[1] 195 t_FDD_BlendTblY_Uls_u8p8[1] 195 t_RIAStWIRBIndTblY_Uls_u8p2[4] 195 t_RIAStWIRBIndTblY_Uls_u2p14[2] 8192		
LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] 1288 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 1389 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 1490 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 1591 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 1692 LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 1793 LFDD_BlendTblY_Uls_u8p8[0] 172 LFDD_BlendTblY_Uls_u8p8[1] 174 LFDD_BlendTblY_Uls_u8p8[2] 176 LFDD_BlendTblY_Uls_u8p8[3] 178 LFDD_BlendTblY_Uls_u8p8[4] 180 LFDD_BlendTblY_Uls_u8p8[5] 183 LFDD_BlendTblY_Uls_u8p8[6] 185 LFDD_BlendTblY_Uls_u8p8[7] 187 LFDD_BlendTblY_Uls_u8p8[9] 191 LFDD_BlendTblY_Uls_u8p8[9] 191 LFDD_BlendTblY_Uls_u8p8[1] 195 LFDD_BlendTblY_Uls_u8p8[1] 195 LFALSWWRBIndTblY_Uls_u2p14[1] 6554 LRIASWWRBIndTblY_Uls_u2p14[2] 8192		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5] 1389 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 1490 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] 1591 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] 1692 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] 1793 t_FDD_BlendTbIY_Uls_u8p8[0] 172 t_FDD_BlendTbIY_Uls_u8p8[1] 174 t_FDD_BlendTbIY_Uls_u8p8[2] 176 t_FDD_BlendTbIY_Uls_u8p8[3] 178 t_FDD_BlendTbIY_Uls_u8p8[4] 180 t_FDD_BlendTbIY_Uls_u8p8[6] 183 t_FDD_BlendTbIY_Uls_u8p8[6] 185 t_FDD_BlendTbIY_Uls_u8p8[7] 187 t_FDD_BlendTbIY_Uls_u8p8[8] 189 t_FDD_BlendTbIY_Uls_u8p8[1] 191 t_FDD_BlendTbIY_Uls_u8p8[10] 193 t_FDD_BlendTbIY_Uls_u8p8[11] 195 t_RIAstWiRBindTbIY_Uls_u2p14[0] 4915 t_RIAstWiRBindTbIY_Uls_u2p14[1] 6554 t_RIAStWiRBindTbIY_Uls_u2p14[2] 8192		
L_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 1490 L_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] 1591 L_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] 1692 L_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] 1793 L_FDD_BlendTbIY_Uls_u8p8[0] 172 L_FDD_BlendTbIY_Uls_u8p8[1] 174 L_FDD_BlendTbIY_Uls_u8p8[2] 176 L_FDD_BlendTbIY_Uls_u8p8[3] 178 L_FDD_BlendTbIY_Uls_u8p8[6] 180 L_FDD_BlendTbIY_Uls_u8p8[6] 185 L_FDD_BlendTbIY_Uls_u8p8[7] 187 L_FDD_BlendTbIY_Uls_u8p8[8] 189 L_FDD_BlendTbIY_Uls_u8p8[9] 191 L_FDD_BlendTbIY_Uls_u8p8[1] 193 L_FDD_BlendTbIY_Uls_u8p8[1] 195 L_RIASHWIRBIndTbIY_Uls_u2p14[0] 4915 L_RIASHWIRBIndTbIY_Uls_u2p14[1] 6554 L_RIASHWIRBIndTbIY_Uls_u2p14[2] 8192		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] 1591 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] 1692 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] 1793 t_FDD_BlendTbIY_UIs_u8p8[0] 172 t_FDD_BlendTbIY_UIs_u8p8[1] 174 t_FDD_BlendTbIY_UIs_u8p8[2] 176 t_FDD_BlendTbIY_UIs_u8p8[3] 178 t_FDD_BlendTbIY_UIs_u8p8[4] 180 t_FDD_BlendTbIY_UIs_u8p8[5] 183 t_FDD_BlendTbIY_UIs_u8p8[6] 185 t_FDD_BlendTbIY_UIs_u8p8[7] 187 t_FDD_BlendTbIY_UIs_u8p8[8] 189 t_FDD_BlendTbIY_UIs_u8p8[9] 191 t_FDD_BlendTbIY_UIs_u8p8[11] 193 t_FDD_BlendTbIY_UIs_u8p8[11] 195 t_RIAstWIRBIndTbIY_UIs_u2p14[0] 4915 t_RIAstWIRBIndTbIY_UIs_u2p14[2] 8192		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] 1692 t_FDD_BlendTbIY_Uls_u8p8[0] 1793 t_FDD_BlendTbIY_Uls_u8p8[0] 172 t_FDD_BlendTbIY_Uls_u8p8[1] 174 t_FDD_BlendTbIY_Uls_u8p8[2] 176 t_FDD_BlendTbIY_Uls_u8p8[3] 178 t_FDD_BlendTbIY_Uls_u8p8[4] 180 t_FDD_BlendTbIY_Uls_u8p8[5] 183 t_FDD_BlendTbIY_Uls_u8p8[6] 185 t_FDD_BlendTbIY_Uls_u8p8[7] 187 t_FDD_BlendTbIY_Uls_u8p8[8] 189 t_FDD_BlendTbIY_Uls_u8p8[9] 191 t_FDD_BlendTbIY_Uls_u8p8[11] 195 t_RIAStWIRBIndTbIY_Uls_u2p14[0] 4915 t_RIAStWIRBIndTbIY_Uls_u2p14[2] 8192		
t_FDD_BlendTblY_Uls_u8p8[0] 172 t_FDD_BlendTblY_Uls_u8p8[1] 174 t_FDD_BlendTblY_Uls_u8p8[2] 176 t_FDD_BlendTblY_Uls_u8p8[3] 178 t_FDD_BlendTblY_Uls_u8p8[4] 180 t_FDD_BlendTblY_Uls_u8p8[5] 183 t_FDD_BlendTblY_Uls_u8p8[6] 185 t_FDD_BlendTblY_Uls_u8p8[7] 187 t_FDD_BlendTblY_Uls_u8p8[8] 189 t_FDD_BlendTblY_Uls_u8p8[9] 191 t_FDD_BlendTblY_Uls_u8p8[10] 193 t_FDD_BlendTblY_Uls_u8p8[11] 195 t_RIAstWiRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWiRBIndTblY_Uls_u2p14[2] 8192		1692
t_FDD_BlendTblY_Uls_u8p8[1] 174 t_FDD_BlendTblY_Uls_u8p8[2] 176 t_FDD_BlendTblY_Uls_u8p8[3] 178 t_FDD_BlendTblY_Uls_u8p8[4] 180 t_FDD_BlendTblY_Uls_u8p8[5] 183 t_FDD_BlendTblY_Uls_u8p8[6] 185 t_FDD_BlendTblY_Uls_u8p8[7] 187 t_FDD_BlendTblY_Uls_u8p8[8] 189 t_FDD_BlendTblY_Uls_u8p8[9] 191 t_FDD_BlendTblY_Uls_u8p8[10] 193 t_FDD_BlendTblY_Uls_u8p8[11] 195 t_RIAstWiRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWiRBIndTblY_Uls_u2p14[2] 8192	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	
t_FDD_BlendTblY_Uls_u8p8[2] 176 t_FDD_BlendTblY_Uls_u8p8[3] 178 t_FDD_BlendTblY_Uls_u8p8[4] 180 t_FDD_BlendTblY_Uls_u8p8[5] 183 t_FDD_BlendTblY_Uls_u8p8[6] 185 t_FDD_BlendTblY_Uls_u8p8[7] 187 t_FDD_BlendTblY_Uls_u8p8[8] 189 t_FDD_BlendTblY_Uls_u8p8[9] 191 t_FDD_BlendTblY_Uls_u8p8[10] 193 t_FDD_BlendTblY_Uls_u8p8[11] 195 t_RIAstWiRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWiRBIndTblY_Uls_u2p14[2] 8192		
t_FDD_BlendTblY_Uls_u8p8[3] 178 t_FDD_BlendTblY_Uls_u8p8[4] 180 t_FDD_BlendTblY_Uls_u8p8[5] 183 t_FDD_BlendTblY_Uls_u8p8[6] 185 t_FDD_BlendTblY_Uls_u8p8[7] 187 t_FDD_BlendTblY_Uls_u8p8[8] 189 t_FDD_BlendTblY_Uls_u8p8[9] 191 t_FDD_BlendTblY_Uls_u8p8[10] 193 t_FDD_BlendTblY_Uls_u8p8[11] 195 t_RIAstWiRBlndTblY_Uls_u2p14[0] 4915 t_RIAstWiRBlndTblY_Uls_u2p14[2] 8192		
t_FDD_BlendTblY_Uls_u8p8[4] 180 t_FDD_BlendTblY_Uls_u8p8[5] 183 t_FDD_BlendTblY_Uls_u8p8[6] 185 t_FDD_BlendTblY_Uls_u8p8[7] 187 t_FDD_BlendTblY_Uls_u8p8[8] 189 t_FDD_BlendTblY_Uls_u8p8[9] 191 t_FDD_BlendTblY_Uls_u8p8[10] 193 t_FDD_BlendTblY_Uls_u8p8[11] 195 t_RIAstWiRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWiRBIndTblY_Uls_u2p14[1] 6554 t_RIAstWiRBIndTblY_Uls_u2p14[2] 8192		
t_FDD_BlendTblY_Uls_u8p8[5] 183 t_FDD_BlendTblY_Uls_u8p8[6] 185 t_FDD_BlendTblY_Uls_u8p8[7] 187 t_FDD_BlendTblY_Uls_u8p8[8] 189 t_FDD_BlendTblY_Uls_u8p8[9] 191 t_FDD_BlendTblY_Uls_u8p8[10] 193 t_FDD_BlendTblY_Uls_u8p8[11] 195 t_RIAstWiRBindTblY_Uls_u2p14[0] 4915 t_RIAstWiRBindTblY_Uls_u2p14[1] 6554 t_RIAstWiRBindTblY_Uls_u2p14[2] 8192		
t_FDD_BlendTblY_Uls_u8p8[6] 185 t_FDD_BlendTblY_Uls_u8p8[7] 187 t_FDD_BlendTblY_Uls_u8p8[8] 189 t_FDD_BlendTblY_Uls_u8p8[9] 191 t_FDD_BlendTblY_Uls_u8p8[10] 193 t_FDD_BlendTblY_Uls_u8p8[11] 195 t_RIAstWIRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[1] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[2] 8192		
t_FDD_BlendTblY_Uls_u8p8[7] 187 t_FDD_BlendTblY_Uls_u8p8[8] 189 t_FDD_BlendTblY_Uls_u8p8[9] 191 t_FDD_BlendTblY_Uls_u8p8[10] 193 t_FDD_BlendTblY_Uls_u8p8[11] 195 t_RIAstWIRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[1] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[2] 8192		
t_FDD_BlendTblY_Uls_u8p8[8] 189 t_FDD_BlendTblY_Uls_u8p8[9] 191 t_FDD_BlendTblY_Uls_u8p8[10] 193 t_FDD_BlendTblY_Uls_u8p8[11] 195 t_RIAstWIRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[1] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[2] 8192		
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] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[1] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[2] 8192		
t_FDD_BlendTblY_Uls_u8p8[10] 193 t_FDD_BlendTblY_Uls_u8p8[11] 195 t_RIAstWIRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[1] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[2] 8192		
t_FDD_BlendTblY_Uls_u8p8[11] 195 t_RIAstWIRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[1] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[2] 8192		
t_RIAstWIRBIndTbiY_Uls_u2p14[0] 4915 t_RIAstWIRBIndTbiY_Uls_u2p14[1] 6554 t_RIAstWIRBIndTbiY_Uls_u2p14[2] 8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[1] 6554 t_RIAstWIRBIndTbIY_Uls_u2p14[2] 8192		
	t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554
t_RIAstWIRBIndTblY_Uls_u2p14[3] 9830	t_RIAstWIRBIndTbIY_Uls_u2p14[2]	
		9830





Name	Input Value		
t_RIAstWIRBIndTbIY_Uis_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00286007137	0.002860071 ± 0.000000009	_

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

Test Step 1.16 (Repeat Count = 1)		•
Name	Input Value	
BaseAssistCmd MtrNm T f32	1.9	
VehicleSpeed_Kph_T_f32	132	
WIRCmdAmpBInd_MtrNm_T_f32	1.6	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	342	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	1705	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	
t_CmnVehSpd_Kph_u9p7[8]	1152	
t_CmnVehSpd_Kph_u9p7[9]	1280	
t_CmnVehSpd_Kph_u9p7[10]	1408	
t_CmnVehSpd_Kph_u9p7[11]	1536	
t_DmpADDCoefX_MtrNm_u4p12[0]	8602	
t_DmpADDCoefX_MtrNm_u4p12[1]	9011	
t_DmpADDCoefX_MtrNm_u4p12[2]	9421	
t_DmpADDCoefX_MtrNm_u4p12[3]	9830	
t_DmpADDCoefX_MtrNm_u4p12[4]	10240	
t_DmpADDCoefX_MtrNm_u4p12[5]	10650	
t_DmpADDCoefX_MtrNm_u4p12[6]	11059	
t_DmpADDCoefX_MtrNm_u4p12[7]	11469	
t_DmpADDCoefX_MtrNm_u4p12[8]	11878	
t_DmpADDCoefX_MtrNm_u4p12[9]	12288	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800	
t_FDD_ADDStaticTbIY_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_BlendTblY_Uls_u8p8[5]	230		
t_FDD_BlendTblY_Uls_u8p8[6]	232		
t_FDD_BlendTblY_Uls_u8p8[7]	234		
t_FDD_BlendTblY_Uls_u8p8[8]	237		
t_FDD_BlendTblY_Uls_u8p8[9]	239		
t_FDD_BlendTblY_Uls_u8p8[10]	241		
t_FDD_BlendTblY_Uls_u8p8[11]	243		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00236540218	0.002365402 ± 0.000000009	~

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

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

ADDCoefCalc

t_RIAstWIRBIndTbIY_Uls_u2p14[4]

t_WIRBIndTbIX_MtrNm_u8p8[0]

t_WIRBIndTbIX_MtrNm_u8p8[1]

t_WIRBIndTblX_MtrNm_u8p8[2]

 $t_WIRBIndTbIX_MtrNm_u8p8[3]$

t_WIRBIndTbIX_MtrNm_u8p8[4]

Name

ADDCoefCalc()

2014-09-19, 16:26:53+0530



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_BlendTbIY_Uls_u8p8[5]	15
t_FDD_BlendTblY_Uls_u8p8[6]	18
t_FDD_BlendTbIY_Uls_u8p8[7]	20
t_FDD_BlendTblY_Uls_u8p8[8]	23
t_FDD_BlendTblY_Uls_u8p8[9]	26
t_FDD_BlendTblY_Uls_u8p8[10]	28
t_FDD_BlendTblY_Uls_u8p8[11]	31
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	8192
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	11469
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	13107

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

0.0327785164

Expected Value

0.032778516 ± 0.00000009

14746

922

947

973

998

1024 Actual Value

Test Step 1.18 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-1
VehicleSpeed_Kph_T_f32	156.12
WIRCmdAmpBlnd_MtrNm_T_f32	1.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_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

Result



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Comwidespic Kein (1967) Comwidespic Kein (1				
Comvidents (Am. ph/91)	Name	Input Value		
Commithering Legis (Legis (L	t_CmnVehSpd_Kph_u9p7[0]	12800		
Comvision Company	t_CmnVehSpd_Kph_u9p7[1]	12928		
Comvivings Capt Jep276 13312	t_CmnVehSpd_Kph_u9p7[2]	13056		
Commissed Kiph, usep78 13440	t_CmnVehSpd_Kph_u9p7[3]	13184		
Commissed_Koh_visor7	t_CmnVehSpd_Kph_u9p7[4]	13312		
Commissed_Koh_visor7	t_CmnVehSpd_Kph_u9p7[5]	13440		
ComveNes Comp. 1967 13989 13924 13922	t_CmnVehSpd_Kph_u9p7[6]	13568		
Comversion (Arth, Use/78) 13824		13696		
Comvelse_Sql_Koh_usep_T(10)	t_CmnVehSpd_Kph_u9p7[8]	13824		
ComveNsig A, Kph, usp7f10 14208 14208 14208	t_CmnVehSpd_Kph_u9p7[9]	13952		
L_mmvklbgd_kpt_ubp7[11]	t_CmnVehSpd_Kph_u9p7[10]	14080		
DmpADDCoetX, Mirhm_ush12i7	t_CmnVehSpd_Kph_u9p7[11]	14208		
LpmqADDCeck Mirkm, upf12[2] 9421	t_DmpADDCoefX_MtrNm_u4p12[0]	8602		
LpmqADDCeck Mirkm, upf12[2] 9421	t_DmpADDCoefX_MtrNm_u4p12[1]	9011		
LompADDCOetX, MirNm_u4p12(3)	t_DmpADDCoefX_MtrNm_u4p12[2]	9421		
DmpADDCerk, Minhm_uph12 5 106850 1069500 1069500 1069500 1069500 1069500 106950 1069500 1069500 1069500 1069500 1069500 1069500	t_DmpADDCoefX_MtrNm_u4p12[3]	9830		
DmpADDCoeK, MtNm_u4p12(6) 11059	t_DmpADDCoefX_MtrNm_u4p12[4]	10240		
DmpADDCoeK_MthVm_u4p128	t_DmpADDCoefX_MtrNm_u4p12[5]	10650		
DmpADDCocK_Mthm_u4p12[8]	t_DmpADDCoefX_MtrNm_u4p12[6]	11059		
DimpADDCocK, Mirkim_u4p12[9]	t_DmpADDCoefX_MtrNm_u4p12[7]	11469		
FDD ADDStaticTbY_MtrNmpRadpS_um1p17(0) 342	t_DmpADDCoefX_MtrNm_u4p12[8]	11878		
FDD_ADDStaticTbY_MtrNmpRadpS_um1p17[1]	t_DmpADDCoefX_MtrNm_u4p12[9]	12288		
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] 1024 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 1384 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 1384 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 2046 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 2387 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 2728 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 2728 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 3068 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 3409 FDD_BlendTblY_Us_usp8[1] 8 FDD_BlendTblY_Us_usp8[1] 8 FDD_BlendTblY_Us_usp8[3] 13 FDD_BlendTblY_Us_usp8[3] 13 FDD_BlendTblY_Us_usp8[3] 15 FDD_BlendTblY_Us_usp8[4] 15 FDD_BlendTblY_Us_usp8[6] 20 FDD_BlendTblY_Us_usp8[6] 20 FDD_BlendTblY_Us_usp8[8] 28 FDD_BlendTblY_Us_usp8[8] 28 FDD_BlendTblY_Us_usp8[9] 28 FDD_BlendTblY_Us_usp8[1] 33 FDD_BlendTblY_Us_usp8[1] 33 FDD_BlendTblY_Us_usp8[1] 33 FDD_BlendTblY_Us_usp8[1] 33 FDD_BlendTblY_Us_usp8[1] 34 FDD_BlendTblY_Us_usp8[1] 36 FDD_BlendTblY_Us_usp8[1] 36 FDB_BlendTblY_Us_usp8[1] 36 FRAStWIRBIndTblY_Us_usp8[1] 36 FRAStWIRBIndTblY_Us_usp8[1] 49 FRAStWIRBINdTblY_Us_usp8[1] 40 FRAStWIRBINDTblY	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342		
FDD _ADDStaticTbrY_MtrNmpRadpS_um1p17[3] 1364 1705 1705 1705	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683		
LFDD_ADDStaticTbtY_MtrNmpRadpS_um1p17[4]	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024		
LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364		
LFDD_ADDStaticTblY_MtrNmpRadpS_um1p17(6)	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705		
L_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046		
L_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 3068 L_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5409 L_FDD_BlendTblY_Uls_u8p8[0] 5 L_FDD_BlendTblY_Uls_u8p8[1] 8 L_FDD_BlendTblY_Uls_u8p8[2] 10 L_FDD_BlendTblY_Uls_u8p8[3] 13 L_FDD_BlendTblY_Uls_u8p8[4] 15 L_FDD_BlendTblY_Uls_u8p8[5] 18 L_FDD_BlendTblY_Uls_u8p8[6] 20 L_FDD_BlendTblY_Uls_u8p8[6] 20 L_FDD_BlendTblY_Uls_u8p8[7] 23 L_FDD_BlendTblY_Uls_u8p8[8] 26 L_FDD_BlendTblY_Uls_u8p8[9] 28 L_FDD_BlendTblY_Uls_u8p8[10] 31 L_FDD_BlendTblY_Uls_u8p8[10] 31 L_FDD_BlendTblY_Uls_u8p8[10] 453 L_RIASHWRBindTblY_Uls_u2p14[0] 453 L_RIASHWRBindTblY_Uls_u2p14[2] 4915 L_RIASHWRBindTblY_Uls_u2p14[2] 4915 L_RIASHWRBindTblY_Uls_u2p14[3] 4554 L_WIRBIndTblX_MtrNm_u8p8[0] 1178 L_WIRBIndTblX_MtrNm_u8p8[1] 1203 L_WIRBIndTblX_MtrNm_u8p8[2] 1229 L_WIRBIndTblX_MtrNm_u8p8[3] 1254 L_WIRBIndTblX_MtrNm_u8p8[3] 1254 L_WIRBIndTblX_MtrNm_u8p8[4] 1280 Name Actual Value Expected Value Results	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387		
L_FDD_BlendTbIY_UIs_u8p8[0] 5 L_FDD_BlendTbIY_UIs_u8p8[1] 8 L_FDD_BlendTbIY_UIs_u8p8[2] 10 L_FDD_BlendTbIY_UIs_u8p8[2] 10 L_FDD_BlendTbIY_UIs_u8p8[3] 13 L_FDD_BlendTbIY_UIs_u8p8[3] 13 L_FDD_BlendTbIY_UIs_u8p8[6] 15 L_FDD_BlendTbIY_UIs_u8p8[6] 16 L_FDD_BlendTbIY_UIs_u8p8[6] 20 L_FDD_BlendTbIY_UIs_u8p8[7] 23 L_FDD_BlendTbIY_UIs_u8p8[7] 23 L_FDD_BlendTbIY_UIs_u8p8[7] 23 L_FDD_BlendTbIY_UIs_u8p8[7] 28 L_FDD_BlendTbIY_UIs_u8p8[1] 31 L_FDD_BlendTbIY_UIs_u8p8[1] 31 L_FDD_BlendTbIY_UIs_u8p8[1] 32 L_FDD_BlendTbIY_UIs_u8p8[1] 31 L_FDD_BlendTbIY_UIs_u8p8[1] 32 L_FDD_BlendTbIY_UIs_u8p8[1] 33 L_FID_BlendTbIY_UIs_u8p8[1] 32 L_FID_BlendTbIY_UIs_u8p8[1] 43 L_FIASHWIRBIndTbIY_UIs_u2p14[0] 4638 L_FRIASHWIRBIndTbIY_UIs_u2p14[0] 4915 L_RIASHWIRBIndTbIY_UIs_u2p14[2] 4915 L_RIASHWIRBINdTbIY_UIs_u2p14[4] 41 L_RIASHWIRBINdTbIY_UIs_u2p14[4] 41 L_RIASHWIRBINdTbIY_UIs_u2p14[4] 41 L_RIASHWIRBINdTbIY_UIs_u2p14[4] 41 L_RIASHWIRBINdTbIX_MIN_u8p8[0] 41178 L_WIRBINdTbiX_MIN_u8p8[1] 4203 L_WIRBINdTbiX_MIN_u8p8[2] 41229 L_WIRBINdTbiX_MIN_u8p8[3] 4254 L_WIRBINdTbiX_MIN_u8p8[3] 4254 L_WIRBINdTbiX_MIN_u8p8[4] 4280 Name Actual Value Expected Value Result	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728		
FDD_BlendTblY_Uls_u8p8[0]	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068		
FDD_BlendTbiY_Uls_u8p8[1] 8	t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409		
t_FDD_BlendTblY_Uls_u8p8[2] 10 t_FDD_BlendTblY_Uls_u8p8[3] 13 t_FDD_BlendTblY_Uls_u8p8[4] 15 t_FDD_BlendTblY_Uls_u8p8[5] 18 t_FDD_BlendTblY_Uls_u8p8[6] 20 t_FDD_BlendTblY_Uls_u8p8[7] 23 t_FDD_BlendTblY_Uls_u8p8[8] 26 t_FDD_BlendTblY_Uls_u8p8[9] 28 t_FDD_BlendTblY_Uls_u8p8[10] 31 t_FDD_BlendTblY_Uls_u8p8[11] 33 t_RIAStWIRBIndTblY_Uls_u2p14[0] 1638 t_RIAStWIRBIndTblY_Uls_u2p14[1] 3277 t_RIAStWIRBIndTblY_Uls_u2p14[2] 4915 t_RIAStWIRBIndTblY_Uls_u2p14[2] 4915 t_RIAStWIRBIndTblY_Uls_u2p14[3] 8192 t_WIRBIndTblX_MtrNm_u8p8[0] 1178 t_WIRBIndTblX_MtrNm_u8p8[1] 1203 t_WIRBIndTblX_MtrNm_u8p8[3] 1254 t_WIRBIndTblX_MtrNm_u8p8[3] 1254 t_WIRBIndTblX_MtrNm_u8p8[4] 1280 Name	t_FDD_BlendTblY_Uls_u8p8[0]	5		
T. FDD. BlendTblY_Uls_u8p8[3] 13 t_FDD_BlendTblY_Uls_u8p8[4] 15 t_FDD_BlendTblY_Uls_u8p8[5] 18 t_FDD_BlendTblY_Uls_u8p8[6] 20 t_FDD_BlendTblY_Uls_u8p8[7] 23 t_FDD_BlendTblY_Uls_u8p8[8] 26 t_FDD_BlendTblY_Uls_u8p8[9] 28 t_FDD_BlendTblY_Uls_u8p8[10] 31 t_FDD_BlendTblY_Uls_u8p8[11] 33 t_RIAstWiRBIndTblY_Uls_u2p14[0] 1638 t_RIAstWiRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWiRBIndTblY_Uls_u2p14[2] 4915 t_RIAstWiRBIndTblY_Uls_u2p14[3] 6554 t_RIAstWiRBIndTblY_Uls_u2p14[4] 8192 t_WiRBIndTblX_MtrNm_u8p8[0] 1178 t_WiRBIndTblX_MtrNm_u8p8[1] 1203 t_WiRBIndTblX_MtrNm_u8p8[2] 1229 t_WiRBIndTblX_MtrNm_u8p8[3] 1254 t_WiRBIndTblX_MtrNm_u8p8[4] 1280 Name Actual Value Expected Value Result	t_FDD_BlendTblY_Uls_u8p8[1]	8		
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[10] 31 t_FDD_BlendTblY_Uls_u8p8[10] 33 t_FDD_BlendTblY_Uls_u2p14[0] 1638 t_RIAstWIRBIndTblY_Uls_u2p14[1] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[3] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[4] 8192 t_WIRBIndTblX_MtrNm_u8p8[0] 1178 t_WIRBIndTblX_MtrNm_u8p8[1] 1203 t_WRBIndTblX_MtrNm_u8p8[2] 1229 t_WIRBIndTblX_MtrNm_u8p8[3] 1254 t_WIRBIndTblX_MtrNm_u8p8[4] 1280	t_FDD_BlendTblY_Uls_u8p8[2]	10		
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_u2p14[0] 1638 t_RIAstWIRBIndTblY_Uls_u2p14[1] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[3] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[4] 8192 t_WIRBIndTblX_MtrNm_u8p8[0] 1178 t_WIRBIndTblX_MtrNm_u8p8[2] 1229 t_WIRBIndTblX_MtrNm_u8p8[3] 1254 t_WIRBIndTblX_MtrNm_u8p8[4] 1280 Name Actual Value Expected Value Result	t_FDD_BlendTblY_Uls_u8p8[3]	13		
t_FDD_BlendTblY_Uls_u8p8[6] 20 t_FDD_BlendTblY_Uls_u8p8[7] 23 t_FDD_BlendTblY_Uls_u8p8[8] 26 t_FDD_BlendTblY_Uls_u8p8[9] 28 t_FDD_BlendTblY_Uls_u8p8[10] 31 t_FDD_BlendTblY_Uls_u8p8[11] 33 t_RIAstWIRBIndTblY_Uls_u2p14[0] 1638 t_RIAstWIRBIndTblY_Uls_u2p14[1] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[3] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[4] 8192 t_WIRBIndTblX_MtrNm_u8p8[0] 1178 t_WIRBIndTblX_MtrNm_u8p8[1] 1203 t_WIRBIndTblX_MtrNm_u8p8[2] 1229 t_WIRBIndTblX_MtrNm_u8p8[3] 1254 t_WIRBIndTblX_MtrNm_u8p8[4] 1280 Name Expected Value Result	t_FDD_BlendTblY_Uls_u8p8[4]	15		
t_FDD_BlendTbIY_Uls_u8p8[8] 26 t_FDD_BlendTbIY_Uls_u8p8[9] 28 t_FDD_BlendTbIY_Uls_u8p8[10] 31 t_FDD_BlendTbIY_Uls_u8p8[11] 33 t_RIAstWIRBIndTbIY_Uls_u2p14[0] 1638 t_RIAstWIRBIndTbIY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTbIY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTbIY_Uls_u2p14[3] 6554 t_RIAstWIRBIndTbIY_Uls_u2p14[4] 8192 t_WIRBIndTbIX_MtrNm_u8p8[0] 1178 t_WIRBIndTbIX_MtrNm_u8p8[1] 1203 t_WIRBIndTbIX_MtrNm_u8p8[3] 1254 t_WIRBIndTbIX_MtrNm_u8p8[4] 1280 Name Actual Value Expected Value Result	t_FDD_BlendTblY_Uls_u8p8[5]	18		
t_FDD_BlendTblY_Uls_u8p8[8] 26 t_FDD_BlendTblY_Uls_u8p8[9] 28 t_FDD_BlendTblY_Uls_u8p8[10] 31 t_FDD_BlendTblY_Uls_u8p8[11] 33 t_RIAstWIRBIndTblY_Uls_u2p14[0] 1638 t_RIAstWIRBIndTblY_Uls_u2p14[1] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[3] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[4] 8192 t_WIRBIndTblX_MtrNm_u8p8[0] 1178 t_WIRBIndTblX_MtrNm_u8p8[1] 1203 t_WIRBIndTblX_MtrNm_u8p8[2] 1229 t_WIRBIndTblX_MtrNm_u8p8[3] 1254 t_WIRBIndTblX_MtrNm_u8p8[4] 1280 Name Expected Value Expected Value Result	t_FDD_BlendTblY_Uls_u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[9] 28 t_FDD_BlendTblY_Uls_u8p8[10] 31 t_FDD_BlendTblY_Uls_u8p8[11] 33 t_RIAstWIRBIndTblY_Uls_u2p14[0] 1638 t_RIAstWIRBIndTblY_Uls_u2p14[1] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[3] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[4] 8192 t_WIRBIndTblY_Uls_u2p14[4] 8192 t_WIRBIndTblX_MtrNm_u8p8[0] 1178 t_WIRBIndTblX_MtrNm_u8p8[1] 1203 t_WIRBIndTblX_MtrNm_u8p8[2] 1229 t_WIRBIndTblX_MtrNm_u8p8[3] 1254 t_WIRBIndTblX_MtrNm_u8p8[4] 1280 Name Expected Value Expected Value Result	t_FDD_BlendTblY_Uls_u8p8[7]	23		
t_FDD_BlendTblY_Uls_u8p8[10] 31 t_FDD_BlendTblY_Uls_u8p8[11] 33 t_RIAstWIRBIndTblY_Uls_u2p14[0] 1638 t_RIAstWIRBIndTblY_Uls_u2p14[1] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[3] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[4] 8192 t_WIRBIndTblY_Uls_u2p14[4] 1178 t_WIRBIndTblX_MtrNm_u8p8[0] 1178 t_WIRBIndTblX_MtrNm_u8p8[1] 1203 t_WIRBIndTblX_MtrNm_u8p8[2] 1229 t_WIRBIndTblX_MtrNm_u8p8[3] 1254 t_WIRBIndTblX_MtrNm_u8p8[4] 1280 Name Expected Value Expected Value Result	t_FDD_BlendTblY_Uls_u8p8[8]	26		
t_FDD_BlendTblY_Uls_u8p8[11] 33 t_RIAstWIRBIndTblY_Uls_u2p14[0] 1638 t_RIAstWIRBIndTblY_Uls_u2p14[1] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[3] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[4] 8192 t_WIRBIndTblY_Uls_u2p14[4] 1203 t_WIRBIndTblX_MtrNm_u8p8[0] 1203 t_WIRBIndTblX_MtrNm_u8p8[2] 1229 t_WIRBIndTblX_MtrNm_u8p8[3] 1254 t_WIRBIndTblX_MtrNm_u8p8[4] 1280 Name	t_FDD_BlendTblY_Uls_u8p8[9]	28		
t_RIAstWIRBIndTbIY_UIs_u2p14[0] 1638 t_RIAstWIRBIndTbIY_UIs_u2p14[1] 3277 t_RIAstWIRBIndTbIY_UIs_u2p14[2] 4915 t_RIAstWIRBIndTbIY_UIs_u2p14[3] 6554 t_RIAstWIRBIndTbIY_UIs_u2p14[4] 8192 t_WIRBIndTbIX_MtrNm_u8p8[0] 1178 t_WIRBIndTbIX_MtrNm_u8p8[1] 1203 t_WIRBIndTbIX_MtrNm_u8p8[2] 1229 t_WIRBIndTbIX_MtrNm_u8p8[3] 1254 t_WIRBIndTbIX_MtrNm_u8p8[4] 1280 Name Actual Value Expected Value Result	t_FDD_BlendTblY_Uls_u8p8[10]	31		
t_RIAstWIRBIndTbIY_Uls_u2p14[1] 3277 t_RIAstWIRBIndTbIY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTbIY_Uls_u2p14[3] 6554 t_RIAstWIRBIndTbIY_Uls_u2p14[4] 8192 t_WIRBIndTbIX_MtrNm_u8p8[0] 1178 t_WIRBIndTbIX_MtrNm_u8p8[1] 1203 t_WIRBIndTbIX_MtrNm_u8p8[2] 1229 t_WIRBIndTbIX_MtrNm_u8p8[3] 1254 t_WIRBIndTbIX_MtrNm_u8p8[4] 1280 Name Actual Value Expected Value Result	t_FDD_BlendTblY_Uls_u8p8[11]	33		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	t_RIAstWIRBIndTbIY_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[3] 6554 t_RIAstWIRBIndTbIY_UIs_u2p14[4] 8192 t_WIRBIndTbIX_MtrNm_u8p8[0] 1178 t_WIRBIndTbIX_MtrNm_u8p8[1] 1203 t_WIRBIndTbIX_MtrNm_u8p8[2] 1229 t_WIRBIndTbIX_MtrNm_u8p8[3] 1254 t_WIRBIndTbIX_MtrNm_u8p8[4] 1280 Name Actual Value Expected Value Result	t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[4] 8192 t_WIRBIndTbIX_MtrNm_u8p8[0] 1178 t_WIRBIndTbIX_MtrNm_u8p8[1] 1203 t_WIRBIndTbIX_MtrNm_u8p8[2] 1229 t_WIRBIndTbIX_MtrNm_u8p8[3] 1254 t_WIRBIndTbIX_MtrNm_u8p8[4] 1280 Name Actual Value Expected Value Result	t_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915		
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	t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_WIRBIndTblX_MtrNm_u8p8[1] 1203 t_WIRBIndTblX_MtrNm_u8p8[2] 1229 t_WIRBIndTblX_MtrNm_u8p8[3] 1254 t_WIRBIndTblX_MtrNm_u8p8[4] 1280 Name Actual Value Expected Value Result	t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t_WIRBIndTblX_MtrNm_u8p8[2] 1229 t_WIRBIndTblX_MtrNm_u8p8[3] 1254 t_WIRBIndTblX_MtrNm_u8p8[4] 1280 Name Actual Value Expected Value Result	t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTblX_MtrNm_u8p8[3] 1254 t_WIRBIndTblX_MtrNm_u8p8[4] 1280 Name Actual Value Expected Value Result	t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[4] 1280 Name Actual Value Expected Value Result	t_WIRBIndTblX_MtrNm_u8p8[2]	1229		
Name Actual Value Expected Value Result	t_WIRBIndTblX_MtrNm_u8p8[3]	1254		
	t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
·	Name	Actual Value	Expected Value	Result
	ADDCoefCalc()	0.00810782239	0.008107823 ± 0.000000009	~

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

Test Step 1.19 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-2
VehicleSpeed_Kph_T_f32	168
WIRCmdAmpBInd_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



Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t CmnVehSpd Kph u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t CmnVehSpd Kph u9p7[5]	16128		
	16256		
t_CmnVehSpd_Kph_u9p7[6]			
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_DmpADDCoefX_MtrNm_u4p12[0]	12698		
t_DmpADDCoefX_MtrNm_u4p12[1]	13107		
t_DmpADDCoefX_MtrNm_u4p12[2]	13517		
t_DmpADDCoefX_MtrNm_u4p12[3]	13926		
t_DmpADDCoefX_MtrNm_u4p12[4]	14336		
t_DmpADDCoefX_MtrNm_u4p12[5]	14746		
t_DmpADDCoefX_MtrNm_u4p12[6]	15155		
t_DmpADDCoefX_MtrNm_u4p12[7]	15565		
t_DmpADDCoefX_MtrNm_u4p12[8]	15974		
t_DmpADDCoefX_MtrNm_u4p12[9]	16384		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159		
t_FDD_BlendTblY_Uls_u8p8[0]	10		
t FDD BlendTblY Uls u8p8[1]	13		
t_FDD_BlendTblY_Uls_u8p8[2]	15		
t_FDD_BlendTblY_Uls_u8p8[3]	18		
t_FDD_BlendTblY_Uls_u8p8[4]	20		
t_FDD_BlendTblY_Uls_u8p8[5]	23		
t_FDD_BlendTblY_Uls_u8p8[6]	26		
t FDD BlendTblY Uls u8p8[7]			
	28		
t_FDD_BlendTblY_Uls_u8p8[8]	31		
t_FDD_BlendTblY_Uls_u8p8[9]	33		
t_FDD_BlendTblY_Uls_u8p8[10]	36		
t_FDD_BlendTblY_Uls_u8p8[11]	38		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1536		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00480917655	0.004809176 ± 0.000000009	~



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

Test Step 1.20 (Repeat Count = 1)		
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	-3	
VehicleSpeed_Kph_T_f32	180.21	
WIRCmdAmpBlnd_MtrNm_T_f32	2	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	0	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	0	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	0	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	0	
t_CmnVehSpd_Kph_u9p7[0]	10368	
t_CmnVehSpd_Kph_u9p7[1]	10496	
t_CmnVehSpd_Kph_u9p7[2]	10624	
t_CmnVehSpd_Kph_u9p7[3]	10752	
t_CmnVehSpd_Kph_u9p7[4]	10880	
t_CmnVehSpd_Kph_u9p7[5]	11008	
t_CmnVehSpd_Kph_u9p7[6]	11136	
t_CmnVehSpd_Kph_u9p7[7]	11264	
t_CmnVehSpd_Kph_u9p7[8]	11392	
t_CmnVehSpd_Kph_u9p7[9]	11520	
t_CmnVehSpd_Kph_u9p7[10]	11648	
t_CmnVehSpd_Kph_u9p7[11]	11776	
t_DmpADDCoefX_MtrNm_u4p12[0]	16794	
t_DmpADDCoefX_MtrNm_u4p12[1]	17203	
t_DmpADDCoefX_MtrNm_u4p12[2]	17613	
t_DmpADDCoefX_MtrNm_u4p12[3]	18022	
t_DmpADDCoefX_MtrNm_u4p12[4]	18432	
t_DmpADDCoefX_MtrNm_u4p12[5]	18842	
t_DmpADDCoefX_MtrNm_u4p12[6]	19251	
t_DmpADDCoefX_MtrNm_u4p12[7]	19661	
t_DmpADDCoefX_MtrNm_u4p12[8]	20070	
t_DmpADDCoefX_MtrNm_u4p12[9]	20480	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695	
t_FDD_BlendTblY_Uls_u8p8[0]	13	
t_FDD_BlendTblY_Uls_u8p8[1]	15	
t_FDD_BlendTblY_Uls_u8p8[2]	18	
t_FDD_BlendTblY_Uls_u8p8[3]	20	
t_FDD_BlendTblY_Uls_u8p8[4]	23	
t_FDD_BlendTblY_Uls_u8p8[5]	26	
t_FDD_BlendTblY_Uls_u8p8[6]	28	
t_FDD_BlendTblY_Uls_u8p8[7]	31	
22_2.3.4 rbrr_0to_dopo[r]	101	

Name

ADDCoefCalc()

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Result

Expected Value

0.00464859 ± 0.000000009

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

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

Actual Value

0.00464858953

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
, , , , , , , , , , , , , , , , ,	

ADDCoefCalc



	1		
Name	Input Value		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793		
t_FDD_BlendTblY_Uls_u8p8[0]	15		
t_FDD_BlendTblY_Uls_u8p8[1]	18		
t_FDD_BlendTblY_Uls_u8p8[2]	20		
t_FDD_BlendTblY_Uls_u8p8[3]	23		
t_FDD_BlendTblY_Uls_u8p8[4]	26		
t_FDD_BlendTblY_Uls_u8p8[5]	28		
t_FDD_BlendTblY_Uls_u8p8[6]	31		
t_FDD_BlendTblY_Uls_u8p8[7]	33		
t_FDD_BlendTblY_Uls_u8p8[8]	36		
t_FDD_BlendTblY_Uls_u8p8[9]	38		
t_FDD_BlendTblY_Uls_u8p8[10]	41		
t_FDD_BlendTblY_Uls_u8p8[11]	44		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00929849967	0.0092985 ± 0.000000009	~

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

Test Step 1.22 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-5
VehicleSpeed Kph T f32	204
WIRCmdAmpBInd_MtrNm_T_f32	2.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	5419
t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[1]	4096
t_CmnVehSpd_Kph_u9p7[2]	4224
t_CmnVehSpd_Kph_u9p7[3]	4352
t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736
t_CmnVehSpd_Kph_u9p7[7]	4864
t_CmnVehSpd_Kph_u9p7[8]	4992

ADDCoefCalc

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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_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_UIs_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]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTblX_MtrNm_u8p8[2]	1229		
t_WIRBIndTblX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Result

Tes	st Step Call Trace				•	,
Act	ual Function	Count	Expected Function	Count	Resul	t
Intpl	VarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5		

0.00246831775

0.002468318 ± 0.000000009

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

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

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





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





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

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

Test Step 1.25 (Repeat Count = 1)	·
Name	Input Value
BaseAssistCmd MtrNm T f32	-8
VehicleSpeed_Kph_T_f32	240
WIRCmdAmpBlnd_MtrNm_T_f32	2.5
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][9]	1793
t_CmnVehSpd_Kph_u9p7[0]	6784
t_CmnVehSpd_Kph_u9p7[1]	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
t_CmnVehSpd_Kph_u9p7[5]	7424
t_CmnVehSpd_Kph_u9p7[6]	7552
t_CmnVehSpd_Kph_u9p7[7]	7680
t_CmnVehSpd_Kph_u9p7[8]	7808
t_CmnVehSpd_Kph_u9p7[9]	7936
t_CmnVehSpd_Kph_u9p7[10]	8064
t_CmnVehSpd_Kph_u9p7[11]	8192
t_DmpADDCoefX_MtrNm_u4p12[0]	8602
t_DmpADDCoefX_MtrNm_u4p12[1]	9011
t_DmpADDCoefX_MtrNm_u4p12[2]	9421
t_DmpADDCoefX_MtrNm_u4p12[3]	9830
t_DmpADDCoefX_MtrNm_u4p12[4]	10240
t_DmpADDCoefX_MtrNm_u4p12[5]	10650
t_DmpADDCoefX_MtrNm_u4p12[6]	11059
t_DmpADDCoefX_MtrNm_u4p12[7]	11469
t_DmpADDCoefX_MtrNm_u4p12[8]	11878
t_DmpADDCoefX_MtrNm_u4p12[9]	12288
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[0]	65		
t_FDD_BlendTblY_Uls_u8p8[1]	68		
t_FDD_BlendTblY_Uls_u8p8[2]	70		
t_FDD_BlendTblY_Uls_u8p8[3]	73		
t_FDD_BlendTblY_Uls_u8p8[4]	75		
t_FDD_BlendTblY_Uls_u8p8[5]	78		
t_FDD_BlendTblY_Uls_u8p8[6]	80		
t_FDD_BlendTblY_Uls_u8p8[7]	83		
t_FDD_BlendTblY_Uls_u8p8[8]	86		
t_FDD_BlendTblY_Uls_u8p8[9]	88		
t_FDD_BlendTblY_Uls_u8p8[10]	91		
t_FDD_BlendTblY_Uls_u8p8[11]	93		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0226821322	0.022682133 ± 0.00000009	~

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

Test Step 1.26 (Repeat Count = 1)		•
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3	
VehicleSpeed_Kph_T_f32	252.24	
WIRCmdAmpBlnd_MtrNm_T_f32	2.6	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	2030	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	4774	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	
t_CmnVehSpd_Kph_u9p7[8]	1152	
t_CmnVehSpd_Kph_u9p7[9]	1280	
t_CmnVehSpd_Kph_u9p7[10]	1408	
t_CmnVehSpd_Kph_u9p7[11]	1536	
t_DmpADDCoefX_MtrNm_u4p12[0]	12698	
t_DmpADDCoefX_MtrNm_u4p12[1]	13107	
t_DmpADDCoefX_MtrNm_u4p12[2]	13517	
t_DmpADDCoefX_MtrNm_u4p12[3]	13926	

ADDCoefCalc

ADDCoefCalc()

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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		
t_FDD_BlendTblY_Uls_u8p8[2]	99		
t_FDD_BlendTblY_Uls_u8p8[3]	101		
t_FDD_BlendTblY_Uls_u8p8[4]	104		
t_FDD_BlendTblY_Uls_u8p8[5]	106		
t_FDD_BlendTblY_Uls_u8p8[6]	109		
t_FDD_BlendTblY_Uls_u8p8[7]	111		
t_FDD_BlendTblY_Uls_u8p8[8]	114		
t_FDD_BlendTblY_Uls_u8p8[9]	116		
t_FDD_BlendTblY_Uls_u8p8[10]	119		
t_FDD_BlendTblY_Uls_u8p8[11]	122		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
t_WIRBIndTbIX_MtrNm_u8p8[2]	0		
t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]	0		
Name	Actual Value	Expected Value	Result
ADDCaafCala()	0.0404393460	0.040430347 + 0.00000000	

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

0.0104283169

0.010428317 ± 0.00000009

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





Name	Input Value		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t CmnVehSpd Kph u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t CmnVehSpd Kph u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpADDCoefX_MtrNm_u4p12[0]	16794		
t_DmpADDCoefX_MtrNm_u4p12[1]	17203		
t_DmpADDCoefX_MtrNm_u4p12[2]	17613		
t_DmpADDCoefX_MtrNm_u4p12[3]	18022		
t_DmpADDCoefX_MtrNm_u4p12[4]	18432		
t_DmpADDCoefX_MtrNm_u4p12[5]	18842		
t_DmpADDCoefX_MtrNm_u4p12[6]	19251		
t_DmpADDCoetX_MtrNm_u4p12[7]	19661		
	20070		
t_DmpADDCoefX_MtrNm_u4p12[8]			
t_DmpADDCoefX_MtrNm_u4p12[9]	20480		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4175		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856		
t_FDD_BlendTblY_Uls_u8p8[0]	116		
t_FDD_BlendTbIY_Uls_u8p8[1]	118		
t_FDD_BlendTbIY_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]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048		
t_WIRBIndTblX_MtrNm_u8p8[2]	2048		
t_WIRBIndTblX_MtrNm_u8p8[3]	2048		
t_WIRBIndTblX_MtrNm_u8p8[4]	2048		
Name	Actual Value	Expected Value	Resul
ADDCoefCalc()	0.0117070675	0.011707067 ± 0.00000009	Result

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

Test Step 1.28 (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 4995 t FDD ADDStaticTblY MtrNmpRadpS um1p17[8] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] 5419 t_FDD_BlendTblY_Uls_u8p8[0] 144 t_FDD_BlendTblY_Uls_u8p8[1] 146 t_FDD_BlendTblY_Uls_u8p8[2] 149 t_FDD_BlendTblY_Uls_u8p8[3] 152 t_FDD_BlendTblY_Uls_u8p8[4] 154 t_FDD_BlendTblY_Uls_u8p8[5] 157 t_FDD_BlendTblY_Uls_u8p8[6] 159 t_FDD_BlendTblY_Uls_u8p8[7] 162 t_FDD_BlendTblY_Uls_u8p8[8] 164 t_FDD_BlendTblY_Uls_u8p8[9] 167 t_FDD_BlendTblY_Uls_u8p8[10] 169 t_FDD_BlendTblY_Uls_u8p8[11] 172 t_RIAstWIRBIndTbIY_Uls_u2p14[0] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[1] 8192 $t_RIAstWIRBIndTbIY_Uls_u2p14[2]$ 9830 t_RIAstWIRBIndTbIY_Uls_u2p14[3] 11469 t_RIAstWIRBIndTblY_Uls_u2p14[4] 13107 t WIRBIndTbIX MtrNm u8p8[0] 1178 t_WIRBIndTbIX_MtrNm_u8p8[1] 1203 t WIRBIndTbIX MtrNm u8p8[2] 1229 t_WIRBIndTbIX_MtrNm_u8p8[3] 1254 t_WIRBIndTbIX_MtrNm_u8p8[4] 1280 Name **Actual Value Expected Value** Result ADDCoefCalc() 0.011896921 ± 0.00000009 0.0118969213





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

Test Step 1.29 (Repeat Count = 1)	✓
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	5419
t_CmnVehSpd_Kph_u9p7[0]	15488 15616
t_CmnVehSpd_Kph_u9p7[1]	15744
t_CmnVehSpd_Kph_u9p7[2]	15872
t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4]	16000
t_CmnVehSpd_Kph_u9p7[5]	16128
t_CmnVehSpd_Kph_u9p7[6]	16256
t_CmnVehSpd_Kph_u9p7[7]	16384
t_CmnVehSpd_Kph_u9p7[8]	16512
t_CmnVehSpd_Kph_u9p7[9]	16640
t_CmnVehSpd_Kph_u9p7[10]	16768
t_CmnVehSpd_Kph_u9p7[11]	16896
t_DmpADDCoefX_MtrNm_u4p12[0]	24986
t_DmpADDCoefX_MtrNm_u4p12[1]	25395
t_DmpADDCoefX_MtrNm_u4p12[2]	25805
t_DmpADDCoefX_MtrNm_u4p12[3]	26214
t_DmpADDCoefX_MtrNm_u4p12[4]	26624
t_DmpADDCoefX_MtrNm_u4p12[5]	27034
t_DmpADDCoefX_MtrNm_u4p12[6]	27443
t_DmpADDCoefX_MtrNm_u4p12[7]	27853
t_DmpADDCoefX_MtrNm_u4p12[8]	28262
t_DmpADDCoefX_MtrNm_u4p12[9]	28672
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834 4175
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	4515
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856
t_FDD_BlendTblY_Uls_u8p8[0]	172
t_FDD_BlendTblY_Uls_u8p8[1]	174
t_FDD_BlendTblY_Uls_u8p8[2]	176
t_FDD_BlendTblY_Uls_u8p8[3]	178
t_FDD_BlendTblY_Uls_u8p8[4]	180
t_FDD_BlendTblY_Uls_u8p8[5]	183
t_FDD_BlendTblY_Uls_u8p8[6]	185
t_FDD_BlendTblY_Uls_u8p8[7]	187
t_FDD_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_RIAstWIRBIndTbIY_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	~

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

Test Step 1.30 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	7
VehicleSpeed_Kph_T_f32	300.25
WIRCmdAmpBInd_MtrNm_T_f32	3.2
t2_FDD_ADDRollingTbIYM_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_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t_CmnVehSpd_Kph_u9p7[0]	10368
t_CmnVehSpd_Kph_u9p7[1]	10496
t_CmnVehSpd_Kph_u9p7[2]	10624
t_CmnVehSpd_Kph_u9p7[3]	10752
t_CmnVehSpd_Kph_u9p7[4]	10880
t_CmnVehSpd_Kph_u9p7[5]	11008
t_CmnVehSpd_Kph_u9p7[6]	11136
t_CmnVehSpd_Kph_u9p7[7]	11264
t_CmnVehSpd_Kph_u9p7[8]	11392
t_CmnVehSpd_Kph_u9p7[9]	11520
t_CmnVehSpd_Kph_u9p7[10]	11648
_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
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

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Name	Input Value		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659		
t_FDD_BlendTblY_Uls_u8p8[0]	218		
t_FDD_BlendTblY_Uls_u8p8[1]	220		
t_FDD_BlendTblY_Uls_u8p8[2]	223		
t_FDD_BlendTblY_Uls_u8p8[3]	225		
t_FDD_BlendTblY_Uls_u8p8[4]	227		
t_FDD_BlendTblY_Uls_u8p8[5]	230		
t_FDD_BlendTblY_Uls_u8p8[6]	232		
t_FDD_BlendTblY_Uls_u8p8[7]	234		
t_FDD_BlendTblY_Uls_u8p8[8]	237		
t_FDD_BlendTblY_Uls_u8p8[9]	239		
t_FDD_BlendTblY_Uls_u8p8[10]	241		
t_FDD_BlendTblY_Uls_u8p8[11]	243		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	16384		
t_WIRBIndTbIX_MtrNm_u8p8[0]	538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t_WIRBIndTbIX_MtrNm_u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0155524611	0.015552461 ± 0.00000009	~

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

Test Step 1.31 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	8
VehicleSpeed Kph T f32	312
WIRCmdAmpBlnd_MtrNm_T_f32	3.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t_CmnVehSpd_Kph_u9p7[0]	5248
t_CmnVehSpd_Kph_u9p7[1]	5376
t_CmnVehSpd_Kph_u9p7[2]	5504
t_CmnVehSpd_Kph_u9p7[3]	5632
t_CmnVehSpd_Kph_u9p7[4]	5760
t_CmnVehSpd_Kph_u9p7[5]	5888
t_CmnVehSpd_Kph_u9p7[6]	6016
t_CmnVehSpd_Kph_u9p7[7]	6144
t_CmnVehSpd_Kph_u9p7[8]	6272

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7.122000.00.0		•	
Name	Input Value		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_DmpADDCoefX_MtrNm_u4p12[0]	4506		
t_DmpADDCoefX_MtrNm_u4p12[1]	4915		
t DmpADDCoefX MtrNm u4p12[2]	5325		
t DmpADDCoefX MtrNm u4p12[3]	5734		
t_DmpADDCoefX_MtrNm_u4p12[4]	6144		
t_DmpADDCoefX_MtrNm_u4p12[5]	6554		
t_DmpADDCoefX_MtrNm_u4p12[6]	6963		
t_DmpADDCoefX_MtrNm_u4p12[7]	7373		
t_DmpADDCoefX_MtrNm_u4p12[8]	7782		
t_DmpADDCoefX_MtrNm_u4p12[9]	8192		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409		
t_FDD_BlendTblY_Uls_u8p8[0]	15		
t FDD BlendTblY Uls u8p8[1]	18		
t_FDD_BlendTblY_Uls_u8p8[2]	20		
t_FDD_BlendTblY_Uls_u8p8[3]	23		
t_FDD_BlendTblY_Uls_u8p8[4]	26		
t_FDD_BlendTblY_Uls_u8p8[5]	28		
t_FDD_BlendTblY_Uls_u8p8[6]	31		
t_FDD_BlendTblY_Uls_u8p8[7]	33		
t_FDD_BlendTblY_Uls_u8p8[8]	36		
t_FDD_BlendTblY_Uls_u8p8[9]	38		
t_FDD_BlendTblY_Uls_u8p8[10]	41		
t_FDD_BlendTblY_Uls_u8p8[11]	44		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Resul
ADDCoefCalc()	0.0253202002	0.0253202 ± 0.00000009	
<u>~</u>			

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Intnl\/arXV_u16_u16Yu16V_Cnt	5	IntolVarXV u16 u16Xu16V Cnt	5	

Test Step 1.32 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.5
VehicleSpeed_Kph_T_f32	324.14
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





Name 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 12_CmnVehSpd_Kph_u9p7[0] 12_CmnVehSpd_Kph_u9p7[1] 12_CmnVehSpd_Kph_u9p7[2]	Input Value 1364 1705 2046 2387 2728 3068 3409 0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1]	1705 2046 2387 2728 3068 3409 0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1]	2046 2387 2728 3068 3409 0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1]	2387 2728 3068 3409 0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1]	2728 3068 3409 0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1]	3068 3409 0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1]	3409 0		
t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[1]			
t_Chilivehopu_Kph_uapr[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
	0		
t_CmnVehSpd_Kph_u9p7[4] t CmnVehSpd Kph u9p7[5]	0		
	0		
t_CmnVehSpd_Kph_u9p7[6]			
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]			
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_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	1493		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	1659		
t_FDD_BlendTblY_Uls_u8p8[0]	116		
t_FDD_BlendTblY_Uls_u8p8[1]	118		
t_FDD_BlendTblY_Uls_u8p8[2]	121		
t_FDD_BlendTblY_Uls_u8p8[3]	123		
t_FDD_BlendTblY_Uls_u8p8[4]	126		
t_FDD_BlendTblY_Uls_u8p8[5]	129		
t_FDD_BlendTblY_Uls_u8p8[6]	131		
t_FDD_BlendTblY_Uls_u8p8[7]	134		
t_FDD_BlendTblY_Uls_u8p8[8]	136		
t_FDD_BlendTblY_Uls_u8p8[9]	139		
t_FDD_BlendTblY_Uls_u8p8[10]	141		
t_FDD_BlendTblY_Uls_u8p8[11]	144		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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	

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





Test Step 1.33 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-1.5
VehicleSpeed_Kph_T_f32	336
WIRCmdAmpBlnd_MtrNm_T_f32	3.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2] t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	924 1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1553 2068
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	2583
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4]	32640 32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
t_DmpADDCoefX_MtrNm_u4p12[0]	12698
t_DmpADDCoefX_MtrNm_u4p12[1] t DmpADDCoefX_MtrNm_u4p12[2]	13107 13517
t_DmpADDCoefX_MtrNm_u4p12[3]	13926
t_DmpADDCoefX_MtrNm_u4p12[4]	14336
t_DmpADDCoefX_MtrNm_u4p12[5]	14746
t_DmpADDCoefX_MtrNm_u4p12[6]	15155
t_DmpADDCoefX_MtrNm_u4p12[7]	15565
t_DmpADDCoefX_MtrNm_u4p12[8]	15974
t_DmpADDCoefX_MtrNm_u4p12[9]	16384
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] t FDD ADDStaticTblY MtrNmpRadpS um1p17[2]	328 494
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] 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]	172
t_FDD_BlendTblY_Uls_u8p8[1]	174 176
t_FDD_BlendTblY_Uls_u8p8[2] t_FDD_BlendTblY_Uls_u8p8[3]	178
t_FDD_BlendTblY_Uls_u8p8[4]	180
t_FDD_BlendTblY_Uls_u8p8[5]	183
t_FDD_BlendTblY_Uls_u8p8[6]	185
t_FDD_BlendTblY_Uls_u8p8[7]	187
t_FDD_BlendTblY_Uls_u8p8[8]	189
t_FDD_BlendTblY_Uls_u8p8[9]	191
t_FDD_BlendTblY_Uls_u8p8[10]	193
t_FDD_BlendTblY_Uls_u8p8[11]	195
t_RIAstWIRBIndTblY_UIs_u2p14[0] t_RIAstWIRBIndTblY_UIs_u2p14[1]	3277 4915
t_RiAstWiRBindTblY_Uis_u2p14[2]	6554
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192





Name	Input Value		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1306		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1331		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1357		
t_WIRBIndTblX_MtrNm_u8p8[3]	1382		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00417356379	0.004173564 ± 0.000000009	~

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

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





Name	Inmut Value		
	Input Value		
t_FDD_BlendTblY_Uls_u8p8[0]	218		
t_FDD_BlendTblY_Uls_u8p8[1]	220		
t_FDD_BlendTblY_Uls_u8p8[2]	223		
t_FDD_BlendTblY_Uls_u8p8[3]	225		
t_FDD_BlendTblY_Uls_u8p8[4]	227		
t_FDD_BlendTblY_Uls_u8p8[5]	230		
t_FDD_BlendTblY_Uls_u8p8[6]	232		
t_FDD_BlendTblY_Uls_u8p8[7]	234		
t_FDD_BlendTblY_Uls_u8p8[8]	237		
t_FDD_BlendTblY_Uls_u8p8[9]	239		
t_FDD_BlendTblY_Uls_u8p8[10]	241		
t_FDD_BlendTblY_Uls_u8p8[11]	243		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1638		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00614841701	0.006148417 ± 0.000000009	~

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

Test Step 1.35 (Repeat Count = 1)		•
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3.7	
VehicleSpeed_Kph_T_f32	360	
WIRCmdAmpBInd_MtrNm_T_f32	3.5	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1946	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1490	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1591	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1793	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	
t_CmnVehSpd_Kph_u9p7[8]	1152	
t_CmnVehSpd_Kph_u9p7[9]	1280	
t_CmnVehSpd_Kph_u9p7[10]	1408	
t_CmnVehSpd_Kph_u9p7[11]	1536	
t_DmpADDCoefX_MtrNm_u4p12[0]	20890	
t_DmpADDCoefX_MtrNm_u4p12[1]	21299	
t_DmpADDCoefX_MtrNm_u4p12[2]	21709	
t_DmpADDCoefX_MtrNm_u4p12[3]	22118	

ADDCoefCalc

ADDCoefCalc()

2014-09-19, 16:26:53+0530



Name	Input Value		
t_DmpADDCoefX_MtrNm_u4p12[4]	22528		
t_DmpADDCoefX_MtrNm_u4p12[5]	22938		
t_DmpADDCoefX_MtrNm_u4p12[6]	23347		
t_DmpADDCoefX_MtrNm_u4p12[7]	23757		
t_DmpADDCoefX_MtrNm_u4p12[8]	24166		
t_DmpADDCoefX_MtrNm_u4p12[9]	24576		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159		
t_FDD_BlendTblY_Uls_u8p8[0]	0		
t_FDD_BlendTblY_Uls_u8p8[1]	0		
t_FDD_BlendTblY_Uls_u8p8[2]	0		
t_FDD_BlendTblY_Uls_u8p8[3]	0		
t_FDD_BlendTblY_Uls_u8p8[4]	0		
t_FDD_BlendTblY_Uls_u8p8[5]	0		
t_FDD_BlendTblY_Uls_u8p8[6]	0		
t_FDD_BlendTblY_Uls_u8p8[7]	0		
t_FDD_BlendTblY_Uls_u8p8[8]	0		
t_FDD_BlendTblY_Uls_u8p8[9]	0		
t_FDD_BlendTblY_Uls_u8p8[10]	0		
t_FDD_BlendTblY_Uls_u8p8[11]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
Name	Actual Value	Expected Value	Result
ADDCoofColo()	0.00200047224	0.000000473 + 0.00000000	coun

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

0.00399017334

0.003990173 ± 0.000000009

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





Name	Input Value		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t CmnVehSpd Kph u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpADDCoefX_MtrNm_u4p12[0]	24986		
t_DmpADDCoefX_MtrNm_u4p12[1]	25395		
t_DmpADDCoefX_MtrNm_u4p12[2]	25805		
t_DmpADDCoefX_MtrNm_u4p12[3]	26214		
t_DmpADDCoefX_MtrNm_u4p12[4]	26624		
t_DmpADDCoefX_MtrNm_u4p12[5]	27034		
t DmpADDCoefX_MtrNm_u4p12[6]	27443		
t_DmpADDCoefX_MtrNm_u4p12[7]	27853		
t_DmpADDCoefX_MtrNm_u4p12[8]	28262		
t_DmpADDCoefX_MtrNm_u4p12[9]	28672		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	704		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	814		
	924		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034		
	1144		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1254		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1475		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1585		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1695		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	256		
t_FDD_BlendTblY_Uls_u8p8[0]			
t_FDD_BlendTblY_Uls_u8p8[1]	256 256		
t_FDD_BlendTblY_Uls_u8p8[2]	256		
t_FDD_BlendTblY_Uls_u8p8[3]	256		
t_FDD_BlendTblY_Uls_u8p8[4]			
t_FDD_BlendTblY_Uls_u8p8[5]	256		
t_FDD_BlendTblY_Uls_u8p8[6]	256		
t_FDD_BlendTblY_Uls_u8p8[7]	256		
t_FDD_BlendTblY_Uls_u8p8[8]	256		
t_FDD_BlendTblY_Uls_u8p8[9]	256		
t_FDD_BlendTblY_Uls_u8p8[10]	256		
t_FDD_BlendTblY_Uls_u8p8[11]	256		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	410		
t_WIRBIndTblX_MtrNm_u8p8[1]	435		
t_WIRBIndTblX_MtrNm_u8p8[2]	461		
t_WIRBIndTbIX_MtrNm_u8p8[3]	486		
t_WIRBIndTbIX_MtrNm_u8p8[4]	512		
Name	Actual Value	Expected Value	Resul
ADDCoefCalc()	0.00827023014	0.00827023 ± 0.000000009	•

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

Test Step 1.37 (Repeat Count = 1)		✓
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3.9	
VehicleSpeed_Kph_T_f32	384.25	
WIRCmdAmpBind_MtrNm_T_f32	3.7	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112	

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710000000000		(-410-10
Name	Input Value	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774	
t_CmnVehSpd_Kph_u9p7[0]	12800 12928	
t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2]	13056	
t CmnVehSpd Kph u9p7[3]	13184	
t_CmnVehSpd_Kph_u9p7[4]	13312	
t CmnVehSpd Kph u9p7[5]	13440	
t_CmnVehSpd_Kph_u9p7[6]	13568	
t_CmnVehSpd_Kph_u9p7[7]	13696	
t_CmnVehSpd_Kph_u9p7[8]	13824	
t_CmnVehSpd_Kph_u9p7[9]	13952	
t_CmnVehSpd_Kph_u9p7[10]	14080	
t_CmnVehSpd_Kph_u9p7[11]	14208	
t_DmpADDCoefX_MtrNm_u4p12[0]	28262	
t_DmpADDCoefX_MtrNm_u4p12[1]	28672	
t_DmpADDCoefX_MtrNm_u4p12[2]	29082	
t_DmpADDCoefX_MtrNm_u4p12[3]	29491	
t_DmpADDCoefX_MtrNm_u4p12[4]	29901	
t_DmpADDCoefX_MtrNm_u4p12[5]	30310	
t_DmpADDCoefX_MtrNm_u4p12[6]	30720	
t_DmpADDCoefX_MtrNm_u4p12[7]	31130	
t_DmpADDCoefX_MtrNm_u4p12[8]	31539	
t_DmpADDCoefX_MtrNm_u4p12[9]	31949	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793	
t_FDD_BlendTblY_Uls_u8p8[0]	116	
t_FDD_BlendTblY_Uls_u8p8[1]	118	
t_FDD_BlendTblY_Uls_u8p8[2]	121	
t_FDD_BlendTblY_Uls_u8p8[3]	123	
t_FDD_BlendTblY_Uls_u8p8[4]	126	
t_FDD_BlendTblY_Uls_u8p8[5]	129	
t_FDD_BlendTblY_Uls_u8p8[6]	131	
t_FDD_BlendTblY_UIs_u8p8[7]	134	
t_FDD_BlendTblY_Uls_u8p8[8]	136	
t_FDD_BlendTblY_Uls_u8p8[9]	139 141	
t_FDD_BlendTblY_Uls_u8p8[10]	141	
t_FDD_BlendTbIY_Uls_u8p8[11] t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[u] t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107	
t_WIRBIndTbIX_MtrNm_u8p8[0]	666	
t_WIRBIndTbIX_MtrNm_u8p8[1]	691	
t_WIRBIndTbIX_MtrNm_u8p8[2]	717	
t_WIRBIndTbIX_MtrNm_u8p8[3]	742	
t_WIRBIndTbIX_MtrNm_u8p8[4]	768	
Name		pected Value Resul
ADDCoefCalc()		08456621 ± 0.000000009
v	0.00	

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

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DriverVelCalc

Project	FDD_Inertia
Module	FDD_Inertia
Test Object	DriverVelCalc

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1
Successful	1
Failed	0
Not Executed	0



Module Properties

Project Root Directory	D:\Synergy_Work_Area\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_OFF -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract -I\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include		
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c		
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -\\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract -\\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -\\$(PROJECTROOT) \NxtrLib\include -\\$(PROJECTROOT)\StdDef\include -\\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include		

Comments/Description	
Name	Text
Module 'FDD_Inertia'	**************************************
	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 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 10 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 10 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 10 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 10 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 10 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 10 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 10 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 10 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 10 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 10 and 10 a
	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 or range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

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

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DriverVelCalc

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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DriverVelCalc





Test Case 1: Boundary Test Specification Performance Metrics (With "None" Instrumentation and "WithPS" Environment) CPU Cycles: 329.00 Cycles 341.00 Cycles 329.00 Cycles 329.00 Cycles 329.00 Cycles 417.00 Cycles 329.00 Cycles 329.00 Cycles 329.00 Cycles 329.00 Cycles TS1.1 TS1.2 TS1.2 TS1.3 TS1.4 TS1.5 TS1.6 TS1.7 TS1.8 TS1.9 TS1.10 TS1.12 TS1.13 341.00 Cycles 417.00 Cycles 341.00 Cycles 341.00 Cycles 397.00 Cycles 329.00 Cycles TS1.14 TS1.15 TS1.15 TS1.16 TS1.17 TS1.18 TS1.19 TS1.20 TS1.21 TS1.22 TS1.23 TS1.24 TS1.25 TS1.26 TS1.27 TS1.29 TS1.30 TS1.31 TS1.32 TS1.33 TS1.33 329.00 Cycles 329.00 Cycles 329.00 Cycles 341.00 Cycles TS1.35 TS1.36 TS1.37 TS1.37 TS1.38 TS1.39 TS1.40 TS1.41 TS1.42 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 TS1.6 CRFMotorVel_MtrRadpS_T_f32 = min TS1.7 CRFMotorVel_MtrRadpS_T_f32 = min TS1.7 CRFMotorVel_MtrRadpS_T_f32 = zero TS1.9 CRFMotorVel_MtrRadpS_T_f32 = neg TS1.10 CRFMotorVel_MtrRadpS_T_f32 = neg 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 TS1.15 PrevTbarAng_HwDeg_M_f32 = zero TS1.17 PrevTbarAng_HwDeg_M_f32 = neg

	PrevTbarAng_HwDeg_M_f32 = neg
TS1.18	
TS1.19	k_CmnTbarStiff_NmpDeg_f32 = min
TS1.20	k_CmnTbarStiff_NmpDeg_f32 = max
TS1.21	k_CmnTbarStiff_NmpDeg_f32 = mid
TS1.22	k_CmnSysKinRatio_MtrDegpHwDeg_f32 = min
TS1.23	k_CmnSysKinRatio_MtrDegpHwDeg_f32 = max
TS1.24	k_CmnSysKinRatio_MtrDegpHwDeg_f32 = mid
TS1.25	t_CmnVehSpd_Kph_u9p7[12] = min
TS1.26	t_CmnVehSpd_Kph_u9p7[12] = max
TS1.27	t CmnVehSpd Kph u9p7[12] = mid
TS1.28	t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[12] = min
TS1.29	t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[12] = max
TS1.30	t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[12] = mid
TS1.31	k InrtCmp MtrVel ScaleFactor Uls f32 = min
TS1.32	k InrtCmp MtrVel ScaleFactor Uls f32 = max
TS1.33	k InrtCmp MtrVel ScaleFactor Uls f32 = mid
TS1.34	TbarVelFiltSv_M_str.K = min
TS1.35	TbarVelFiltSv_M_str.K = max
TS1.36	TbarVelFiltSv M str.K = mid
TS1.37	TbarVelFiltSv M str.SV = min
TS1.38	TbarVelFiltSv M str.SV = max
TS1.39	TbarVelFiltSv M str.SV = zero
TS1.40	TbarVelFiltSv M str.SV = pos
TS1.41	TbarVelFiltSv M str.SV = neg
TS1.42	All min
TS1.43	All max

Test Step 1.1 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-1118

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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		
	1		
TbarVelFiltSv_M_str.K_Uls_f32	0.001255848		
VehicleSpeed_Kph_T_f32	0		
k_CmnSysKinRatio_MtrDegpHwDeg_f32			
k_CmnTbarStiff_NmpDeg_f32	0.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32			
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	✓

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

-6.65832758

-6.658327638 ± 0.00390625

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

DriverVelCalc

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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	~

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

Test Step 1.3 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	100.5		
HwTorque_HwNm_T_f32	-10		
PrevTbarAng_HwDeg_M_f32	-8.33		
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	•

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

Test Step 1.4 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-100.6	
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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DriverVelCalc

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	✓

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

T (0) (5/D (0) (4)	
Test Step 1.5 (Repeat Count = 1)	In and Malara
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

TbarVelFiltSv_M_str.SV_Uls_f32

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0.26763027 ± 0.00390625

Name	Input Value			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	18	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	19	19		
Name	Actual Value	Expected Value	Result	
DriverVelCalc()	140.161072	140.161078 ± 0.0009	~	
PrevTbarAng_HwDeg_M_f32	0	0 ± 0.00390625	~	

0.267630339

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

Test Step 1.6 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-200.1		
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	

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

Test Step 1.7 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	300.03	
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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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		
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	~

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

Test Step 1.8 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-1118		
HwTorque_HwNm_T_f32	1.6		
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	~
TbarVelFiltSv_M_str.SV_Uls_f32	-0.854439139	-0.854441186 ± 0.00390625	~

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

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	, 100an
PrevTbarAng HwDeg M f32	-0.15384616	-0.153846154 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-3.08251452	-3.082514427 ± 0.00390625	

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

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



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	~

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

Name	Input Value		
CRFMotorVel MtrRadpS T f32	-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	Resul
DriverVelCalc()	-47.2626114	-47.26260964 ± 0.00009	•
PrevTbarAng_HwDeg_M_f32	-0.29347828	-0.293478261 ± 0.00390625	
TbarVelFiltSv_M_str.SV_Uls_f32	-5.55622387	-5.556223467 ± 0.00390625	



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

Name	Input Value		
CRFMotorVel MtrRadpS T f32	400		
HwTorque HwNm T f32	3.6		
PrevTbarAng HwDeg M f32	2.39		
TbarVelFiltSv_M_str.SV_Uls_f32	1.2587		
TbarVelFiltSv_M_str.K_Uls_f32	0.02547		
VehicleSpeed_Kph_T_f32	33.25		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	11.2		
k_CmnTbarStiff_NmpDeg_f32	1.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9		
t_CmnVehSpd_Kph_u9p7[0]	3968		
t_CmnVehSpd_Kph_u9p7[1]	4096		
t_CmnVehSpd_Kph_u9p7[2]	4224		
t_CmnVehSpd_Kph_u9p7[3]	4352		
t_CmnVehSpd_Kph_u9p7[4]	4480		
t_CmnVehSpd_Kph_u9p7[5]	4608		
t_CmnVehSpd_Kph_u9p7[6]	4736		
t_CmnVehSpd_Kph_u9p7[7]	4864		
t_CmnVehSpd_Kph_u9p7[8]	4992		
t_CmnVehSpd_Kph_u9p7[9]	5120		
t_CmnVehSpd_Kph_u9p7[10]	5248		
t_CmnVehSpd_Kph_u9p7[11]	5376		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	360.101318	360.1013205 ± 0.0009	•
PrevTbarAng_HwDeg_M_f32	2.3999986	2.4 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	1.35398781	1.353990911 ± 0.00390625	•

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

Test Step 1.13 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-300.12	
HwTorque_HwNm_T_f32	-3.1	
PrevTbarAng_HwDeg_M_f32	-1.239	
TbarVelFiltSv_M_str.SV_Uls_f32	2.3697	
TbarVelFiltSv_M_str.K_Uls_f32	0.02145	
VehicleSpeed_Kph_T_f32	0	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	22.3	
k_CmnTbarStiff_NmpDeg_f32	2.5	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.8	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	



DriverVelCalc	
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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	~

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

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	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	Resu
DriverVelCalc()	693.519104	693.5191138 ± 0.0009	
PrevTbarAng_HwDeg_M_f32	1.1999993	1.2 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	3.26195955	3.26196066 ± 0.00390625	

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



Test Step 1.15 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-500.45		
HwTorque_HwNm_T_f32	-4.5		
PrevTbarAng_HwDeg_M_f32	-0.997		
TbarVelFiltSv_M_str.SV_Uls_f32	4.5623		
TbarVelFiltSv_M_str.K_Uls_f32	0.01258		
VehicleSpeed_Kph_T_f32	55.52		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	44.4		
k_CmnTbarStiff_NmpDeg_f32	4.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	89		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	91		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	94		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	97		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-297.880035	-297.8800114 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-1	-1 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	4.4860363	4.486036266 ± 0.00390625	~

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

Test Step 1.16 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	600.63
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	~

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

Test Step 1.17 (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	

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

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

DriverVelCalc



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

t_inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	17		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	44.9518433	44.95184416 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	0.00499999989	0.005 ± 0.00390625	~
ThanValEiltSv. M. etr. SV. I lle. f32	-2 85488033	-2 854880352 + 0 00390625	· •

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

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

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	19		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-30.2861042	-30.28610622 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	-0.882352948	-0.882352941 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-2.69583821	-2.695837311 ± 0.00390625	~

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

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

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

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

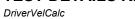
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Name	Input Value		
VehicleSpeed_Kph_T_f32	44.05		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.2		
k_CmnTbarStiff_NmpDeg_f32	0.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]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

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

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





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	~

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

Test Step 1.23 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-350.36		
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	✓

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

Test Step 1.24 (Repeat Count = 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	

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

Test Step 1.25 (Repeat Count = 1)			V
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	✓





Name	Actual Value	Expected Value	Result
PrevTbarAng_HwDeg_M_f32	-0.55555522	-0.555555556 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	4.84894514	4.848943456 ± 0.00390625	~

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

Test Step 1.26 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel MtrRadpS T f32	-689.69		
HwTorque HwNm T f32	2.5		
PrevTbarAng HwDeg M f32	0.805		
TbarVelFiltSv M str.SV UIs 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	~

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

Test Step 1.27 (Repeat Count = 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

DriverVelCalc()

PrevTbarAng_HwDeg_M_f32

TbarVelFiltSv_M_str.SV_Uls_f32

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-35.2845812 ± 0.00009

-0.520833333 ± 0.00390625

-2.51151124 ± 0.00390625

Name	Input Value		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72		
Name	Actual Value	Expected Value	Result

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

-35.2845802

-0.520833313

-2.51150656

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	





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

Name	Input Value		
CRFMotorVel MtrRadpS T f32	-222.15		
HwTorque HwNm T f32	-3.5		
PrevTbarAng HwDeg M f32	-0.5134		
TbarVelFiltSv M str.SV Uls f32	-5.7412		
TbarVelFiltSv_M_str.K_Uls_f32	0.58963		
VehicleSpeed_Kph_T_f32	467.08		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	28.1		
k_CmnTbarStiff_NmpDeg_f32	6.8		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	89		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	91		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	94		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	97		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-23.2337227	-23.23372292 ± 0.00009	
PrevTbarAng_HwDeg_M_f32	-0.514705896	-0.514705882 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	-2.74100852	-2.74100995 ± 0.00390625	

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

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

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

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

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		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-198.679001	-198.6789815 ± 0.0009	-
PrevTbarAng HwDeg M f32	-0.918367326	-0.918367347 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	2.32455587	2.324555873 ± 0.00390625	

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



Test Step 1.32 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	444.52		
HwTorque_HwNm_T_f32	5.5		
PrevTbarAng_HwDeg_M_f32	1.056		
TbarVelFiltSv_M_str.SV_Uls_f32	3.2145		
TbarVelFiltSv_M_str.K_Uls_f32	0.1258		
VehicleSpeed_Kph_T_f32	377.06		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.5		
k_CmnTbarStiff_NmpDeg_f32	5.2		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	402.516144	402.5161456 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	1.05769229	1.057692308 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.91656113	2.916562054 ± 0.00390625	•

Test Step Call Trace				✓
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	✓

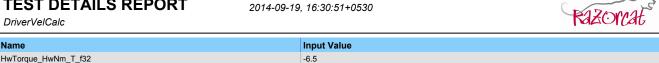
Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 1.34 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32		555.74	
HwTorque_HwNm_T_f32	6.5		
PrevTbarAng_HwDeg_M_f32	0.83		
TbarVelFiltSv_M_str.SV_Uls_f32	5.8745		
TbarVelFiltSv_M_str.K_Uls_f32	0.35874		
VehicleSpeed_Kph_T_f32	1.18		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	56.5		
k_CmnTbarStiff_NmpDeg_f32	7.8		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	109		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	110		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	111		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	113		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	114		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	116		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	117		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	118		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	119		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	121		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	122		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	559.405396	559.4054289 ± 0.0009	11000
PrevTbarAng_HwDeg_M_f32	0.833333313	0.833333333 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	4.36498117	4.36498187 ± 0.00390625	

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

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





Name	Input Value		
HwTorque_HwNm_T_f32	-6.5		
PrevTbarAng_HwDeg_M_f32	-0.78		
TbarVelFiltSv_M_str.SV_Uls_f32	-2.369		
TbarVelFiltSv_M_str.K_Uls_f32	0.47856		
VehicleSpeed_Kph_T_f32	276.19		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	12.3		
k_CmnTbarStiff_NmpDeg_f32	8.3		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t_InrtCmp_TBarVel_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()	-278.061462	-278.0614576 ± 0.0009	~

Test Step Call Trace			✓
TbarVelFiltSv_M_str.SV_Uls_f32	-1.98484111	-1.984843167 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-0.783132493	-0.78313253 ± 0.00390625	~
DriverVelCalc()	-278.061462	-278.0614576 ± 0.0009	~

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

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	

Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt

Count Result

DriverVelCalc

PrevTbarAng_HwDeg_M_f32 TbarVelFiltSv_M_str.SV_Uls_f32 2014-09-19, 16:30:51+0530



0.806451613 ± 0.00390625

-3.115397684 ± 0.00390625

-			
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	~

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

0.806451619

-3.11539769

Test Step 1.37 (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	~

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

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

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]

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]

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]

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DriverVelCalc	2014 00 13, 10.00.0110000	Razorcat
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[11]	40	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	~		

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34 36

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

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

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

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

Test Step 1.40 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	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	✓

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

Test Step 1.41 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-522.63	
HwTorque_HwNm_T_f32	-9.5	
PrevTbarAng_HwDeg_M_f32	-1.819	
TbarVelFiltSv_M_str.SV_Uls_f32	0	
TbarVelFiltSv_M_str.K_Uls_f32	0.025479	
VehicleSpeed_Kph_T_f32	333.62	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	45.8	
k_CmnTbarStiff_NmpDeg_f32	5.2	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9	





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

Test Step Call Trace				✓
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	~





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	~

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

Name	Input Value		
CRFMotorVel MtrRadpS T f32	-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_UIs_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	Result
DriverVelCalc()	-326.341705	-326.3417122 ± 0.0009	•
PrevTbarAng_HwDeg_M_f32	-0.352666676	-0.352666667 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-5.01791048	-5.017910128 ± 0.00390625	•

Test Step Call Trace				✓
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

 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	$\label{lem:projection} $$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c$
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-1\\$(PROJECTROOT)\\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\\$(PROJECTROOT) \NxtrLib\\include -I\\$(PROJECTROOT)\\StdDef\\include -I\\$(Projemprinclude -I\\$(Pro
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\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/Descripti	on/Specification
Name	Text
Module 'FDD_Inertia'	**************************Unit Test Description************************************
	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 Comments:
	Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16
	Note6:In ""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"", ""DirverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

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



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

	1: Metrics Test	•
Specification	Performance Metrics (With "None" Instrumentation and "WithPS" Environment)	
	CPU Cycles:	
	TS1.1 5667.00 Cycles TS1.2 5703.00 Cycles	
Description	Test Vector Description:	
	TS1.1 "Shortest Execution Path: (FDDDefSrvFlg_Cnt_T_lgc == TRUE)=False (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
Prev1ScIDrvVel_RadpS_M_f32	2205.3
Prev2PreAttnComp_MtrNm_M_f32	7.3
Prev2SclDrvVel_RadpS_M_f32	101.2
PrevTbarAng_HwDeg_M_f32	-8.32
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
FbarVelFiltSv_M_str.SV_Uls_f32	3.5
FbarVelFiltSv_M_str.K_Uls_f32	0.1258
c_CmnSysKinRatio_MtrDegpHwDeg_f32	10.2
C_CmnTbarStiff_NmpDeg_f32	1.2
C_DmpDecelGainFSlew_UlspS_f32	100.02
<_DmpDecelGain_Uls_f32	2.5
<_DmpGainOffThresh_KphpS_f32	16.5
c_DmpGainOnThresh_KphpS_f32	30.2
<pre><_InrtCmp_MtrInertia_KgmSq_f32</pre>	0.00008
<pre><_InrtCmp_MtrVel_ScaleFactor_Uls_f32</pre>	0.9
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][9]	1659
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][1]	683
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5]	2046
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	2728
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	3068
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	3409
2 FDD FreqTblYM Hz u12p4[0][0]	16
2_FDD_FreqTblYM_Hz_u12p4[0][1]	32
2_FDD_FreqTblYM_Hz_u12p4[0][2]	48
2_FDD_FreqTblYM_Hz_u12p4[0][3]	64
2_FDD_rreqTblYM_Hz_u12p4[0][4]	80
2_FDD_FreqTbIYM_Hz_u12p4[0][4] 2 FDD FreqTbIYM Hz u12p4[0][5]	96
2_FDD_F1eq1b11M_Hz_u12p4[0][5] 2 FDD FreqTbIYM Hz_u12p4[0][6]	112

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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128	
12_FDD_FreqTblYM_Hz_u12p4[0][8]	144	
2_FDD_FreqTbIYM_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	
12_FDD_FreqTblYM_Hz_u12p4[1][2]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
_CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
_CmnVehSpd_Kph_u9p7[5]	768	
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
_CmnVehSpd_Kph_u9p7[8]	1152	
CmnVehSpd_Kph_u9p7[9]	1280	
_CmnVehSpd_Kph_u9p7[10]	1408	
_CmnVehSpd_Kph_u9p7[11]	1536	
omnvenepa_rpn_uspr[11] _DmpADDCoefX_MtrNm_u4p12[0]	4506	
	4915	
_DmpADDCoefX_MtrNm_u4p12[1]		
_DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712	
_DmpDecelGainSlewY_UlspS_u13p3[0]	408	
DmpDecelGainSlewY_UlspS_u13p3[1]	416	
_DmpDecelGainSlewY_UlspS_u13p3[2]	424	
DmpDecelGainSlewY UlspS u13p3[3]	432	
DmpDecelGainSlewY UlspS u13p3[4]	440	
_DmpDecelGainSlewY_UlspS_u13p3[4]	448	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
DmpFiltKpWIRBIndY_UIS_u2p14[0]	3277	
	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]		
_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	3099	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	240	
	320	
_FDD_AttenTblX_MtrRadpS_u12p4[1]		
_FDD_AttenTblY_Uls_u8p8[0]	49	
_FDD_AttenTblY_Uls_u8p8[1]	51	
_FDD_BlendTblY_Uls_u8p8[0]	3	
_FDD_BlendTblY_Uls_u8p8[1]	5	
t_FDD_BlendTblY_Uls_u8p8[2]	8	

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FrqDepDmpnInrtCmp_Per1

Namo	Input Value		
Name t_FDD_BlendTblY_Uls_u8p8[3]	10		
t_FDD_BlendTblY_Uls_u8p8[4]	13		
t_FDD_BlendTblY_Uls_u8p8[5]	15		
t_FDD_BlendTblY_Uls_u8p8[6]	18		
t_FDD_BlendTblY_Uls_u8p8[7]	20		
t_FDD_BlendTblY_Uls_u8p8[8]	23		
t_FDD_BlendTblY_Uls_u8p8[9]	26		
t_FDD_BlendTblY_Uls_u8p8[10]	28		
t_FDD_BlendTblY_Uls_u8p8[11]	31		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[6]	90 102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	4915 6554		
t_RIAstWIRBIndTblY_Uls_u2p14[3] t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	282		
t_WIRBIndTbIX_MtrNm_u8p8[1]	307		
t_WIRBIndTbIX_MtrNm_u8p8[2]	333		
t_WIRBIndTblX_MtrNm_u8p8[3]	358		
t_WIRBIndTblX_MtrNm_u8p8[4]	384		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.1		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.2		
$tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value$	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-35.2		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.01		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.2		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm	0- 1 1 1		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIl tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_kte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_Hw1orque_Hw tgt_kte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per 1_venicleLonAct			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAmpl			
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1.11199999	1.112 ± 0.0625	Result
Prev1PreAttnComp MtrNm M f32	128.764511	128.764510970637 ± 0.0009	
Prev1ScIDrvVel RadpS M f32	540.226318	540.2263355 ± 0.00390625	
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	•
Prev2ScIDrvVel_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 FraDenDmnnInrtCmn Per1 FraDenDmnnInrtCmn MtrNm f32 value	8 8000019	8 8 + 0 00048828125	

8.80000019

 $tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value$

8.8 ± 0.00048828125



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

Name	Input Value
PreDecelGain_Uls_M_f32	125487.235
	1.1
Prev1PreAttnComp_MtrNm_M_f32	2205.3
Prev1ScIDrvVel_RadpS_M_f32	7.3
Prev2PreAttnComp_MtrNm_M_f32	101.2
Prev2ScIDrvVel_RadpS_M_f32	
PrevTbarAng_HwDeg_M_f32	-8.32
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
FbarVelFiltSv_M_str.SV_UIs_f32	3.5
FbarVelFiltSv_M_str.K_Uls_f32	0.1258
c_CmnSysKinRatio_MtrDegpHwDeg_f32	10.2
c_CmnTbarStiff_NmpDeg_f32	1.2
C_DmpDecelGainFSlew_UlspS_f32	100.02
C_DmpDecelGain_Uls_f32	2.5
C_DmpGainOffThresh_KphpS_f32	16.5
c_DmpGainOnThresh_KphpS_f32	30.2
c_InrtCmp_MtrInertia_KgmSq_f32	0.00008
c_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
2_FDD_FreqTblYM_Hz_u12p4[0][1]	32
2_FDD_FreqTblYM_Hz_u12p4[0][2]	48
2_FDD_FreqTblYM_Hz_u12p4[0][3]	64
2_FDD_FreqTblYM_Hz_u12p4[0][4]	80
	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][0]	48
2_FDD_FreqTbIYM_Hz_u12p4[1][1] 2_FDD_FreqTbIYM_Hz_u12p4[1][2]	64
2_FDD_FreqTblYM_Hz_u12p4[1][2] 2 FDD FreqTblYM Hz u12p4[1][3]	80

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FrqDepDmpnInrtCmp_Per1		TOACICAL .
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	128	
P_FDD_FreqTblYM_Hz_u12p4[1][7]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
CmnVehSpd_Kph_u9p7[0]	128	
CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
CmnVehSpd_Kph_u9p7[5]	768	
CmnVehSpd_Kph_u9p7[6]	896	
CmnVehSpd_Kph_u9p7[7]	1024	
CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
CmnVehSpd_Kph_u9p7[10]	1408	
CmnVehSpd_Kph_u9p7[11]	1536	
DmpADDCoefX_MtrNm_u4p12[0]	4506	
DmpADDCoefX_MtrNm_u4p12[1]	4915	
DmpADDCoefX_MtrNm_u4p12[2]	5325	
DmpADDCoefX_MtrNm_u4p12[3]	5734	
DmpADDCoefX_MtrNm_u4p12[4]	6144	
DmpADDCoefX_MtrNm_u4p12[5]	6554	
DmpADDCoefX_MtrNm_u4p12[6]	6963	
DmpADDCoefX_MtrNm_u4p12[7]	7373	
DmpADDCoefX_MtrNm_u4p12[8]	7782	
DmpADDCoefX_MtrNm_u4p12[9]	8192	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712	
_DmpDecelGainSlewY_UlspS_u13p3[0]	408	
_DmpDecelGainSlewY_UlspS_u13p3[1]	416	
DmpDecelGainSlewY_UlspS_u13p3[2]	424	
DmpDecelGainSlewY_UlspS_u13p3[3]	432	
_DmpDecelGainSlewY_UlspS_u13p3[4]	440	
_DmpDecelGainSlewY_UlspS_u13p3[5]	448	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
DmpFiltKpWIRBIndY Uls u2p14[1]	3277	
DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
DmpFiltKpWIRBIndY Uls u2p14[3]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	523	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1038	
	1553	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]		
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2068 2583	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3099	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3614	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]		
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
FDD_AttenTblX_MtrRadpS_u12p4[0]	240	
FDD_AttenTblX_MtrRadpS_u12p4[1]	320	
FDD_AttenTblY_Uls_u8p8[0]	49	
FDD_AttenTblY_Uls_u8p8[1]	51	
FDD_BlendTblY_Uls_u8p8[0]	3	
FDD_BlendTblY_Uls_u8p8[1]	5	
FDD_BlendTbIY_Uls_u8p8[2]	8	
FDD_BlendTbIY_Uls_u8p8[3]	10	
FDD_BlendTblY_Uls_u8p8[4]	13	
FDD_BlendTbIY_Uls_u8p8[5]	15	
FDD_BlendTbIY_Uls_u8p8[6]	18	
FDD_BlendTbIY_Uls_u8p8[7]	20	
FDD_BlendTblY_Uls_u8p8[8]	23	
FDD_BlendTblY_Uls_u8p8[9]	26	
_FDD_BlendTblY_Uls_u8p8[10]	28	
_FDD_BlendTblY_Uls_u8p8[11]	31	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	13		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	14		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	15		
t RIAstWIRBIndTbIY Uls u2p14[0]	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]	282		
t WIRBIndTblX MtrNm u8p8[1]	307		
t_WIRBIndTbIX_MtrNm_u8p8[2]	333		
t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
t WIRBIndTbIX MtrNm u8p8[4]	384		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.1		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.2		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
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 FrgDepDmpnInrtCmp Per1 WIRCmdAmpBInd MtrNm f32.value	1.2		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	· - · · ·		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt Rte Inst Ap FrgDepDmpnInrtCmp.FrgDepDmpnInrtCmp Per1 VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB			
			Basiil
Name	Actual Value	Expected Value	Result

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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	~
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	0	0 + 0 00048828125	_



FrqDepDmpnInrtCmp_Per1

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

Environment)

CPU Cycles:

TS2.1 5693.00 Cycles TS2.2 5724.00 Cycles TS2.3 6713.00 Cycles

Description

Test Vector Description:

 $\label{eq:total_$

Test Step 2.1 (Repeat Count = 1)	✓
Name	Input Value
PreDecelGain_Uls_M_f32	125487.235
Prev1PreAttnComp_MtrNm_M_f32	1.1
Prev1SclDrvVel_RadpS_M_f32	2205.3
Prev2PreAttnComp_MtrNm_M_f32	7.3
Prev2SclDrvVel_RadpS_M_f32	101.2
PrevTbarAng_HwDeg_M_f32	-8.32
Rte_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_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	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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гідоеротрініні стр_гегі		Macifat
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[0][0]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][1]	32	
2_FDD_FreqTblYM_Hz_u12p4[0][2]	48	
2_FDD_FreqTblYM_Hz_u12p4[0][3]	64	
2_FDD_FreqTblYM_Hz_u12p4[0][4]	80	
2_FDD_FreqTblYM_Hz_u12p4[0][5]	96	
2_FDD_FreqTblYM_Hz_u12p4[0][6]	112	
2_FDD_FreqTblYM_Hz_u12p4[0][7]	128	
2_FDD_FreqTblYM_Hz_u12p4[0][8]	144	
2_FDD_FreqTblYM_Hz_u12p4[0][9]	160	
2_FDD_FreqTblYM_Hz_u12p4[0][10]	176	
2_FDD_FreqTblYM_Hz_u12p4[0][11]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][0]	32	
2_FDD_FreqTblYM_Hz_u12p4[1][1]	48	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
_CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
_CmnVehSpd_Kph_u9p7[5]	768	
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
_CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
_CmnVehSpd_Kph_u9p7[10]	1408	
_CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
_DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712	
DmpDecelGainSlewY_UlspS_u13p3[0]	408	
DmpDecelGainSlewY_UlspS_u13p3[1]	416	
DmpDecelGainSlewY_UlspS_u13p3[2]	424	
DmpDecelGainSlewY_UlspS_u13p3[3]	432	
DmpDecelGainSlewY_UlspS_u13p3[4]	440	
DmpDecelGainSlewY_UlspS_u13p3[5]	448	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2068	
_FDD_ADDStaticTbl1_MtlNlllpRadpS_ull11p17[3] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
	3099	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3614	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	

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Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240		
t FDD AttenTblX MtrRadpS u12p4[1]	320		
t_FDD_AttenTblY_Uls_u8p8[0]	49		
t_FDD_AttenTblY_Uls_u8p8[1]	51		
t_FDD_BlendTblY_Uls_u8p8[0]	3		
t_FDD_BlendTblY_Uls_u8p8[1]	5		
t_FDD_BlendTblY_Uls_u8p8[2]	8		
t_FDD_BlendTblY_Uls_u8p8[3]	10		
t FDD BlendTblY Uls u8p8[4]	13		
t FDD BlendTblY Uls u8p8[5]	15		
t_FDD_BlendTblY_Uls_u8p8[6]	18		
t_FDD_BlendTblY_Uls_u8p8[7]	20		
t_FDD_BlendTblY_Uls_u8p8[8]	23		
t_FDD_BlendTblY_Uls_u8p8[9]	26		
t_FDD_BlendTblY_Uls_u8p8[10]	28		
t_FDD_BlendTbIY_Uls_u8p8[11]	31		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t InrtCmp_ScaleFactorTblY_Uls_u9p7[1] t InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_Intromp_ScaleFactorTblY_Ols_u9p7[4] t Intromp_ScaleFactorTblY_Uls_u9p7[5]	77		
	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[7]			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	282		
t_WIRBIndTbIX_MtrNm_u8p8[1]	307		
t_WIRBIndTbIX_MtrNm_u8p8[2]	333		
t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
t_WIRBIndTbIX_MtrNm_u8p8[4]	384		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.1		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.2		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.02		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.01		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.2		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCnppTerpDmpnInrtCmp_BaseAssistCnppTerpDmpnInrtCmp_BaseAssistCnppTerpDmpnInrtCmp_BaseAssistCnppTerpDmpnInrtCmp_BaseAssistCnppTerpDmpnInrtCmp_BaseAssistCnppTerpDmpnInrtCmp_BaseAssistCnppTerpDmpnInrtCmp_BaseAssistCnppTerpDmpnInrtCmp_BaseAssistCnppTerpDmpnInrtCmpDmpnInrtCmp_BaseAssistCnppTerpDmpnInrtCmpDmpnDmpnInrtCmp_BaseAssistCnppTe$	nc tgt_FrqDepDmpnInrtCmp_Per1_E	BaseAssistCmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_CRFMoto$	_I tgt_FrqDepDmpnInrtCmp_Per1_C	CRFMotorVel_MtrRadpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FreqDepDmp	Sr tgt_FrqDepDmpnInrtCmp_Per1_F	reqDepDmpSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn$	In tgt_FrqDepDmpnInrtCmp_Per1_F	rqDepDmpnInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv	wt tgt_FrqDepDmpnInrtCmp_Per1_F	lwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc	cc tgt_FrqDepDmpnInrtCmp_Per1_V	/ehicleLonAccel_KphpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed	_I tgt_FrqDepDmpnInrtCmp_Per1_V	/ehicleSpeed_Kph_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAmp	B tat FraDepDmpnInrtCmp Per1 V	VIRCmdAmpBlnd_MtrNm_f32	
tgt_tte_inst_Ap_1 rqbepbinpinintcinp.i rqbepbinpinintcinp_Fer1_vvircondAmp	3_ 1 1 1 1 1 1		
уд_тке_пьс_хр_, түрөрөтірініпкотір, түрөрөтірініпкотір_, ет_үүпхотійжіпр Name	Actual Value	Expected Value	Resul

tgt_rte_inst_xp_1 rqbepbinpinintcinp.i rqbepbinpinintcinp_r en_wirtcindxinpbi	tgt_r rqbepbinpinintomp_r er r_wirtomaxin	pbind_within_i32	
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	~
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	~

FrqDepDmpnInrtCmp_Per1

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Name	Actual Value	Expected Value	Result
tot FrgDepDmpnInrtCmp Per1 FrgDepDmpnInrtCmp MtrNm f32.value	8.80000019	8.8 ± 0.00048828125	✓

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

Test Step 2.2 (Repeat Count = 1)	
	✓
Name Input 1	Value
PreDecelGain_Uls_M_f32 125589	
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	
	e_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	9
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	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 2583	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3099	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4129	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4644	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159	
t2_FDD_FreqTblYM_Hz_u12p4[0][0] 32	
t2_FDD_FreqTblYM_Hz_u12p4[0][1] 48	
t2_FDD_FreqTblYM_Hz_u12p4[0][2] 64	
t2_FDD_FreqTblYM_Hz_u12p4[0][3] 80	
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	
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] 48	
t2_FDD_FreqTblYM_Hz_u12p4[1][1] 64	

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	160	
P_FDD_FreqTblYM_Hz_u12p4[1][8]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	224	
CmnVehSpd_Kph_u9p7[0]	2560	
CmnVehSpd Kph u9p7[1]	3840	
CmnVehSpd_Kph_u9p7[2]	5120	
CmnVehSpd_Kph_u9p7[3]	6400	
CmnVehSpd_Kph_u9p7[4]	7680	
CmnVehSpd_Kph_u9p7[5]	8960	
CmnVehSpd_Kph_u9p7[6]	10240	
	11520	
CmnVehSpd_Kph_u9p7[7]	12800	
CmnVehSpd_Kph_u9p7[8]		
CmnVehSpd_Kph_u9p7[9]	14080	
CmnVehSpd_Kph_u9p7[10]	15360	
CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	8602	
_DmpADDCoefX_MtrNm_u4p12[1]	9011	
_DmpADDCoefX_MtrNm_u4p12[2]	9421	
_DmpADDCoefX_MtrNm_u4p12[3]	9830	
_DmpADDCoefX_MtrNm_u4p12[4]	10240	
_DmpADDCoefX_MtrNm_u4p12[5]	10650	
_DmpADDCoefX_MtrNm_u4p12[6]	11059	
_DmpADDCoefX_MtrNm_u4p12[7]	11469	
DmpADDCoefX_MtrNm_u4p12[8]	11878	
DmpADDCoefX_MtrNm_u4p12[9]	12288	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
DmpDecelGainSlewX MtrRadpS u11p5[1]	3904	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1480	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1488	
DmpDecelGainSlewY UlspS u13p3[1]		
	1496	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1504	
_DmpDecelGainSlewY_UlspS_u13p3[4]	1512	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1520	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144	
FDD ADDStaticTblY MtrNmpRadpS um1p17[5]	1254	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695	
FDD_AttenTblX_MtrRadpS_u12p4[0]	352	
FDD_AttenTblX_MtrRadpS_u12p4[1]	400	
FDD_AttenTblY_Uls_u8p8[0]	65	
FDD_AttenTblY_Uls_u8p8[1]	68	
FDD_BlendTbIY_Uls_u8p8[0]	5	
FDD_BlendTblY_Uls_u8p8[1]	8	
FDD_BlendTblY_Uls_u8p8[2]	10	
FDD_BlendTblY_Uls_u8p8[3]	13	
FDD_BlendTblY_Uls_u8p8[4]	15	
FDD_BlendTblY_Uls_u8p8[5]	18	
FDD_BlendTblY_Uls_u8p8[6]	20	
FDD_BlendTblY_Uls_u8p8[7]	23	
_FDD_BlendTblY_Uls_u8p8[8]	26	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	31		
	33		
t_FDD_BlendTblY_Uls_u8p8[11]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	29		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t_WIRBIndTbIX_MtrNm_u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.2		
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_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm		tCmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	<u> </u>		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAmpE			
	<u> </u>		Result
Name	Actual Value	Expected Value	Result

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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	✓	
tgt FrgDepDmpnInrtCmp Per1 FrgDepDmpnInrtCmp MtrNm f32.value	0	0 ± 0.00048828125	✓	



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

Test Step 2.3 (Repeat Count = 1)	Input Value
	125997.11
PreDecelGain_Uls_M_f32	
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_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
FbarVelFiltSv_M_str.SV_Uls_f32	-6.6
FbarVelFiltSv_M_str.K_Uls_f32	0.63214
c_CmnSysKinRatio_MtrDegpHwDeg_f32	60.05
C_CmnTbarStiff_NmpDeg_f32	6.2
c_DmpDecelGainFSlew_UlspS_f32	400.05
c_DmpDecelGain_Uls_f32	6.5
c_DmpGainOffThresh_KphpS_f32	44.5
c_DmpGainOnThresh_KphpS_f32	20.6
_InrtCmp_MtrInertia_KgmSq_f32	0.00008
_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1946
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]	2240
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1638
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	2030
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774
2_FDD_FreqTblYM_Hz_u12p4[0][0]	96
2_FDD_FreqTblYM_Hz_u12p4[0][1]	112
2_FDD_FreqTblYM_Hz_u12p4[0][2]	128
2_FDD_FreqTblYM_Hz_u12p4[0][3]	144
2_FDD_FreqTblYM_Hz_u12p4[0][4]	160
2_FDD_FreqTblYM_Hz_u12p4[0][5]	176
2_FDD_FreqTblYM_Hz_u12p4[0][6]	192
2_FDD_FreqTblYM_Hz_u12p4[0][7]	208
2_FDD_FreqTblYM_Hz_u12p4[0][8]	224
2_FDD_FreqTblYM_Hz_u12p4[0][9]	240
2_FDD_FreqTblYM_Hz_u12p4[0][10]	256
2_FDD_FreqTblYM_Hz_u12p4[0][11]	272
2_FDD_FreqTblYM_Hz_u12p4[1][0]	336
2_FDD_FreqTblYM_Hz_u12p4[1][1]	352
2_FDD_FreqTblYM_Hz_u12p4[1][2]	368
2_FDD_FreqTblYM_Hz_u12p4[1][3]	384

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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	448	
2 FDD FregTblYM Hz u12p4[1][8]	464	
12_FDD_FreqTblYM_Hz_u12p4[1][9]	480	
12_FDD_FreqTblYM_Hz_u12p4[1][10]	496	
12_FDD_FreqTblYM_Hz_u12p4[1][11]	512	
t_CmnVehSpd_Kph_u9p7[0]	12800	
:_CmnVehSpd_Kph_u9p7[1]	12928	
:_CmnVehSpd_Kph_u9p7[2]	13056	
t_CmnVehSpd_Kph_u9p7[3]	13184	
	13312	
	13440	
t_CmnVehSpd_Kph_u9p7[5]		
t_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]	24986	
:_DmpADDCoefX_MtrNm_u4p12[1]	25395	
t_DmpADDCoefX_MtrNm_u4p12[2]	25805	
_DmpADDCoefX_MtrNm_u4p12[3]	26214	
_DmpADDCoefX_MtrNm_u4p12[4]	26624	
t_DmpADDCoefX_MtrNm_u4p12[5]	27034	
_DmpADDCoefX_MtrNm_u4p12[6]	27443	
_DmpADDCoefX_MtrNm_u4p12[7]	27853	
u4p12[8]	28262	
:_DmpADDCoefX_MtrNm_u4p12[9]	28672	
	32320	
mpDecelGainSlewX_MtrRadpS_u11p5[1]	32352	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384	
bmpbecelGainGlewX_mtrRadpS_u11p5[3]	32416	
	32448	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]		
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	
_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]	1427	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1655	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1884	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2112	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2340	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2568	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2796	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3024	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3252	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3480	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	656	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	720	
_FDD_AttenTblY_Uls_u8p8[0]	172	
_FDD_AttenTbIY_Uls_u8p8[1]	174	
_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	
_FDD_BlendTblY_Uls_u8p8[7]	36	
_FDD_BlendTblY_Uls_u8p8[8]	38	
_FDD_BlendTblY_Uls_u8p8[9]	41	
t_FDD_BlendTblY_Uls_u8p8[10]	44	
t_FDD_BlendTblY_Uls_u8p8[11]	46	

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Name	Input Value
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	86
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	88
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91
t_RIAstWIRBIndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613
t_WIRBIndTbIX_MtrNm_u8p8[3]	1638
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-6.3
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-20.01
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	110.07
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.3
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmc	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel I	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrdepDmpSrdepDmpSrdepDmpSrdepDmpSrdepDmpNnrtCmp_Per1_FreqDepDmpNnrtCmp_FreqDep$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_F$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwInrtCmp_HwInrt$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccessions and the property of the proper$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_Vehicle$	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32
Name	Actual Value Expected Value Resu

2C	h .3hh	197. 4- shhh7. st7			
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 FraDenDmonInrtCmp Per1 FraDenDmonInrtCmp MtrNm f32 value	-8 80000019	-8.8 + 0.00048828125	✓		



FrqDepDmpnInrtCmp_Per1

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

Test Case 3: Boundary Test Performance Metrics (With "None" Instrumentation and "WithPS" Specification Environment) CPU Cycles: 5484.00 Cycles 5549.00 Cycles 5698.00 Cycles 5724.00 Cycles 5698.00 Cycles 5572.00 Cycles 5708.00 Cycles TS3 1 TS3.2 TS3.3 TS3.4 TS3.5 TS3.6 TS3.7 5708.00 Cycles 6713.00 Cycles 6713.00 Cycles 5630.00 Cycles 5508.00 Cycles 5560.00 Cycles 5560.00 Cycles 5562.00 Cycles 5534.00 Cycles 5458.00 Cycles 5458.00 Cycles 5517.00 Cycles 5517.00 Cycles 5517.00 Cycles 5549.00 Cycles 5549.00 Cycles 5549.00 Cycles 5549.00 Cycles 5549.00 Cycles 5516.00 Cycles TS3.8 TS3.9 TS3.10 TS3.11 TS3.12 TS3.12 TS3.13 TS3.14 TS3.15 TS3.16 TS3.17 TS3.18 TS3.19 TS3.20 TS3.21 TS3.22 TS3.23 5529.00 Cycles 5516.00 Cycles 5539.00 Cycles 5539.00 Cycles 5519.00 Cycles 5619.00 Cycles 5572.00 Cycles 5561.00 Cycles TS3.24 TS3.25 TS3.26 TS3.27 TS3.28 TS3.29 TS3.30 Description Test Vector Description: TS3.1 All min TS3.3 HwTorque_HwNm_f32 = min TS3.4 HwTorque_HwNm_f32 = max 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 TS3.13 BaseAssistCmd_MtrNm_f32 = min TS3.14 BaseAssistCmd_MtrNm_f32 = max TS3.15 BaseAssistCmd_MtrNm_f32 = zero IS3.15 BaseAssistCmd_MtrNm_f32 = zero TS3.16 BaseAssistCmd_MtrNm_f32 = neg TS3.17 BaseAssistCmd_MtrNm_f32 = pos TS3.18 VehicleSpeed_Kph_f32 = min TS3.19 VehicleSpeed_Kph_f32 = max TS3.20 VehicleSpeed_Kph_f32 = pos TS3.21 WIRCmdAmpBInd_MtrNm_f32 = min TS3.22 WIRCmdAmpBInd_MtrNm_f32 = max TS3.23 WIRCmdAmpBInd_MtrNm_f32 = pos TS3.24 FreqDepDmpSrIComSvcDff_Cnt_lgc = min TS3.25 FreqDepDmpSrIComSvcDff_Cnt_lgc = max TS3.25 FreqDepDmpSrlComSvcDft_Cnt_lgc = max

Test Step 3.1 (Repeat Count = 1)	✓
Name	Input Value
PreDecelGain_Uls_M_f32	1

TS3.26 TS3.27 VehicleLonAccel_KphpS_f32 = min VehicleLonAccel_KphpS_f32 = max

TS3.28 VehicleLonAccel_KphpS_f32 = zero
TS3.29 VehicleLonAccel_KphpS_f32 = neg
TS3.30 VehicleLonAccel_KphpS_f32 = pos

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FrqDepDmpnInrtCmp_Per1	MACILAI
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
PrevTbarAng_HwDeg_M_f32	-20
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.6667
TbarVelFiltSv_M_str.K_Uls_f32	0.001255848
CmnSysKinRatio_MtrDegpHwDeg_f32 CmnThorStiff NmpDog_f32	0.5
<pre><_CmnTbarStiff_NmpDeg_f32 <_DmpDecelGainFSlew_UlspS_f32</pre>	1
CDMpDecelGain_Uls_f32	1
<pre>c_bmpGainOffThresh_KphpS_f32</pre>	0
<pre>c_DmpGainOnThresh_KphpS_f32</pre>	0
CInrtCmp_MtrInertia_KgmSq_f32	0.00001
<pre><_inrtCmp_MtrVel_ScaleFactor_Uls_f32</pre>	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	0
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	0
2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
2_FDD_FreqTblYM_Hz_u12p4[0][1]	16
2_FDD_FreqTblYM_Hz_u12p4[0][2]	16 16
:2_FDD_FreqTbIYM_Hz_u12p4[0][3] :2_FDD_FreqTbIYM_Hz_u12p4[0][4]	16
2_FDD_FreqTblYM_Hz_u12p4[0][4]	16
2_FDD_FreqTblYM_Hz_u12p4[0][6]	16
2 FDD FreqTbIYM Hz u12p4[0][7]	16
2_FDD_FreqTblYM_Hz_u12p4[0][8]	16
2_FDD_FreqTblYM_Hz_u12p4[0][9]	16
2_FDD_FreqTblYM_Hz_u12p4[0][10]	16
2_FDD_FreqTblYM_Hz_u12p4[0][11]	16
2_FDD_FreqTblYM_Hz_u12p4[1][0]	16
2_FDD_FreqTblYM_Hz_u12p4[1][1]	16
2_FDD_FreqTblYM_Hz_u12p4[1][2]	16
2_FDD_FreqTblYM_Hz_u12p4[1][3]	16
2_FDD_FreqTblYM_Hz_u12p4[1][4]	16
2_FDD_FreqTblYM_Hz_u12p4[1][5]	16
2_FDD_FreqTblYM_Hz_u12p4[1][6]	16
2_FDD_FreqTblYM_Hz_u12p4[1][7]	16
2_FDD_FreqTblYM_Hz_u12p4[1][8]	16
2_FDD_FreqTblYM_Hz_u12p4[1][9]	16
2_FDD_FreqTblYM_Hz_u12p4[1][10]	16
2_FDD_FreqTblYM_Hz_u12p4[1][11]	16
_CmnVehSpd_Kph_u9p7[0]	0
_CmnVehSpd_Kph_u9p7[1]	0
_CmnVehSpd_Kph_u9p7[2]	0
_CmnVehSpd_Kph_u9p7[3]	0
CmnVehSpd_Kph_u9p7[4]	0
CmnVehSpd_Kph_u9p7[5]	0
_CmnVehSpd_Kph_u9p7[6]	0
CmnVehSpd_Kph_u9p7[7]	0
	0
:_CmnVehSpd_Kph_u9p7[8]	
:_CmnVehSpd_Kph_u9p7[9]	0
	0 0 0

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Name	Input Value
_DmpADDCoefX_MtrNm_u4p12[1]	0
DmpADDCoefX_MtrNm_u4p12[2]	0
DmpADDCoefX_MtrNm_u4p12[3]	0
_DmpADDCoefX_MtrNm_u4p12[4]	0
DmpADDCoefX_MtrNm_u4p12[5]	0
_DmpADDCoefX_MtrNm_u4p12[6]	0
_DmpADDCoefX_MtrNm_u4p12[7]	0
_DmpADDCoefX_MtrNm_u4p12[8]	0
DmpADDCoefX_MtrNm_u4p12[9]	0
	0
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	0
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0
_DmpDecelGainSlewY_UlspS_u13p3[0]	8
_DmpDecelGainSlewY_UlspS_u13p3[1]	8
_DmpDecelGainSlewY_UlspS_u13p3[2]	8
_DmpDecelGainSlewY_UlspS_u13p3[3]	8
_DmpDecelGainSlewY_UlspS_u13p3[4]	8
DmpDecelGainSlewY_UlspS_u13p3[5]	8
DmpFiltKpWIRBIndY_Uls_u2p14[0]	0
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	0
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0
DmpFiltKpWIRBIndY_Uls_u2p14[4]	0
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	0
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	0
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	0
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	0
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	0
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	0
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	0
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	0
	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	0
_FDD_AttenTblX_MtrRadpS_u12p4[1]	0
_FDD_AttenTblY_Uls_u8p8[0]	0
_FDD_AttenTblY_Uls_u8p8[1]	0
_FDD_BlendTblY_Uls_u8p8[0]	0
_FDD_BlendTblY_Uls_u8p8[1]	0
_FDD_BlendTblY_Uls_u8p8[2]	0
_FDD_BlendTblY_Uls_u8p8[3]	0
_FDD_BlendTblY_Uls_u8p8[4]	0
FDD_BlendTblY_Uls_u8p8[5]	0
FDD_BlendTblY_Uls_u8p8[6]	0
_FDD_BlendTblY_Uls_u8p8[7]	0
FDD_BlendTblY_Uls_u8p8[8]	0
FDD_BlendTblY_Uls_u8p8[9]	0
FDD_BlendTblY_Uls_u8p8[10]	0
FDD_BlendTblY_Uls_u8p8[11]	0
InrtCmp ScaleFactorTblY Uls u9p7[0]	0
InrtCmp ScaleFactorTblY Uls u9p7[1]	0
InttCmp ScaleFactorTblY Uls u9p7[2]	0
InttCmp_ScaleFactorTblY_Uls_u9p7[3]	0
	0
InrtCmp_ScaleFactorTblY_UIs_u9p7[4]	
InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	0
	•

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	0		
t_RIAstWIRBindTblY_Uls_u2p14[0]	0		
t_RIAstWIRBindTblY_Uls_u2p14[1]	0		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	0		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	0		
t_RIAstWIRBIndTblY_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		
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		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmcDepDmpnInrtCmp_BaseAssistCmcDepDmpnInrtCmp_BaseAssistCmcDepDmpnInrtCmp_BaseAssistCmcDepDmpnInrtCmp_BaseAssistCmcDepDmpnInrtCmp_BaseAssistCmcDepDmpnInrtCmp_BaseAssistCmcDepDmpnInrtCmp_BaseAssistCmcDepDmpnInrtCmp_BaseAssistCmcDepDmpnInrtCmp_BaseAssistCmcDepDmpnInrtCmp_BaseAssistCmcDepDmpnInrtCmp_BaseAssistCmcDepDmpnInrtCmp_B$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssis	tCmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_RepUppDmpn$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor	Vel_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSinrtCmp_$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepD	mpSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDm	ipnInrtCmp_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 HwTorque Hwl	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque	_HwNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccession and the property of the propert$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLor	Accel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_InstAp_FrqDepDmpnInrtCmp_F$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	eed_Kph_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdA	mpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result

tgt_kte_inst_ap_frqbepbmpmmtcmp.frqbepbmpmmtcmp_peri_wikcmdampt	si (gt_FrqDepDmpninitCmp_Peri_wiRCmdAr	npbina_within_i32	
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	~
Prev2ScIDrvVel_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	-0	0 ± 0.00048828125	✓

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

Test Step 3.2 (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_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

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Name	Input Value	
k_InrtCmp_MtrInertia_KgmSq_f32	0.0005	
<pre><_InrtCmp_MtrVel_ScaleFactor_Uls_f32</pre>	1	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554	
2_FDD_ADDROIllingTblYM_MtrNmpRadpS_um1p17[1][4]	6554	
	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]		
P_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	6554	
2_FDD_FreqTblYM_Hz_u12p4[0][0]	1600	
2_FDD_FreqTblYM_Hz_u12p4[0][1]	1600	
2_FDD_FreqTblYM_Hz_u12p4[0][2]	1600	
2_FDD_FreqTblYM_Hz_u12p4[0][3]	1600	
2_FDD_FreqTblYM_Hz_u12p4[0][4]	1600	
2_FDD_FreqTblYM_Hz_u12p4[0][5]	1600	
2_FDD_FreqTblYM_Hz_u12p4[0][6]	1600	
2_FDD_FreqTblYM_Hz_u12p4[0][7]	1600	
2_FDD_FreqTblYM_Hz_u12p4[0][8]	1600	
2_FDD_FreqTblYM_Hz_u12p4[0][9]	1600	
2_FDD_FreqTblYM_Hz_u12p4[0][10]	1600	
2_FDD_FreqTblYM_Hz_u12p4[0][11]	1600	
2_FDD_FreqTblYM_Hz_u12p4[1][0]	1600	
2_FDD_FreqTblYM_Hz_u12p4[1][1]	1600	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	1600	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	1600	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	1600	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	1600	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	1600	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	1600	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	1600	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	1600	
2_FDD_freqTblYM_Hz_u12p4[1][10]	1600	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	1600	
_CmnVehSpd_Kph_u9p7[0]	32640	
_CmnVehSpd_Kph_u9p7[1]	32640	
_CmnVehSpd_Kph_u9p7[2]	32640	
_CmnVehSpd_Kph_u9p7[3]	32640	
_CmnVehSpd_Kph_u9p7[4]	32640	
_CmnVehSpd_Kph_u9p7[5]	32640	
_CmnVehSpd_Kph_u9p7[6]	32640	
_CmnVehSpd_Kph_u9p7[7]	32640	
_CmnVehSpd_Kph_u9p7[8]	32640	
_CmnVehSpd_Kph_u9p7[9]	32640	
_CmnVehSpd_Kph_u9p7[10]	32640	
_CmnVehSpd_Kph_u9p7[11]	32640	
_DmpADDCoefX_MtrNm_u4p12[0]	36045	
_DmpADDCoefX_MtrNm_u4p12[1]	36045	
_DmpADDCoefX_MtrNm_u4p12[2]	36045	
_DmpADDCoefX_MtrNm_u4p12[3]	36045	
_DmpADDCoefX_MtrNm_u4p12[4]	36045	
DmpADDCoefX_MtrNm_u4p12[5]	36045	
_DmpADDCoefX_MtrNm_u4p12[6]	36045	
_DmpADDCoefX_MtrNm_u4p12[7]	36045	
_DmpADDCoefX_MtrNm_u4p12[8]	36045	
_DmpADDCoefX_MtrNm_u4p12[9]	36045	
	35776	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]		
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	35776	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	35776	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3] _DmpDecelGainSlewX_MtrRadpS_u11p5[4]	35776	
	35776	

FrqDepDmpnInrtCmp_Per1

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Name	Input Value
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	35776
t_DmpDecelGainSlewY_UlspS_u13p3[0]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[1]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[2]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[3]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[4]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[5]	4000
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16384
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	16384
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	16384
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	16384
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	16384
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	6554
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	6554
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	6554
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	6554
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	6554
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
t_FDD_BlendTbIY_Uls_u8p8[0]	256
t_FDD_BlendTbIY_Uls_u8p8[1]	256
t_FDD_BlendTblY_Uls_u8p8[2]	256
t_FDD_BlendTblY_Uls_u8p8[3]	256
_FDD_BlendTblY_Uls_u8p8[4]	256
t_FDD_BlendTbIY_Uls_u8p8[5]	256
t_FDD_BlendTbIY_Uls_u8p8[6]	256
t_FDD_BlendTblY_Uls_u8p8[7]	256
t_FDD_BlendTbIY_Uls_u8p8[8]	256
t_FDD_BlendTblY_Uls_u8p8[9]	256
t_FDD_BlendTblY_Uls_u8p8[10]	256
t_FDD_BlendTblY_Uls_u8p8[11]	256
t_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
_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_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	128
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	128
:_RIAstWIRBIndTbIY_Uls_u2p14[0]	16384
:_RIAstWIRBIndTbIY_Uls_u2p14[1]	16384
:_RIAstWIRBIndTbIY_Uls_u2p14[2]	16384
:_RIAstWIRBIndTbIY_Uls_u2p14[3]	16384
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	16384
:_WIRBIndTbIX_MtrNm_u8p8[0]	2048
	2049
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048
	2048
t_WIRBIndTbIX_MtrNm_u8p8[2]	
t_WirBindTbiX_MtrNm_u8p8[1] t_WirBindTbiX_MtrNm_u8p8[2] t_WirBindTbiX_MtrNm_u8p8[3] t_WirBindTbiX_MtrNm_u8p8[4]	2048



Name	Input Value		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1118		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	50		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	511.9921875		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	8.8		
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	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpNnrtCmp_Per1_FreqDepDmpNnrtC$	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_Hwf	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_I	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA	ccel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_InrtCmp_Inrt$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee	d_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Even ata d Value	Daguile

<u> </u>	0		
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	•
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.8 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.3 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1	1 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-2.8721137	-2.87210173650089 ± 0.00390625	~
$tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value$	0	0 ± 0.00048828125	•

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

Test Step 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_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

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Name	Input Value	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024	
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][3]	1364	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409	
2_FDD_FreqTblYM_Hz_u12p4[0][0]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][1]	32	
2_FDD_FreqTblYM_Hz_u12p4[0][2]	48	
2_FDD_FreqTblYM_Hz_u12p4[0][3]	64	
2_FDD_FreqTblYM_Hz_u12p4[0][4]	80	
2_FDD_FreqTblYM_Hz_u12p4[0][5]	96	
2_FDD_FreqTblYM_Hz_u12p4[0][6]	112	
2_FDD_FreqTblYM_Hz_u12p4[0][7]	128	
2_FDD_FreqTblYM_Hz_u12p4[0][8]	144	
2_FDD_FreqTblYM_Hz_u12p4[0][9]	160	
2_FDD_FreqTblYM_Hz_u12p4[0][10]	176	
2_FDD_FreqTblYM_Hz_u12p4[0][11]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][0]	32	
2_FDD_FreqTblYM_Hz_u12p4[1][1]	48	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
_CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256 384	
_CmnVehSpd_Kph_u9p7[2] _CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
_CmnVehSpd_Kph_u9p7[5]	768	
CmnVehSpd Kph u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
_CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
CmnVehSpd_Kph_u9p7[10]	1408	
_CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
DmpADDCoefX_MtrNm_u4p12[4]	6144	
DmpADDCoefX_MtrNm_u4p12[5]	6554	
DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712	
_DmpDecelGainSlewY_UlspS_u13p3[0]	408	
_DmpDecelGainSlewY_UlspS_u13p3[1]	416	
_DmpDecelGainSlewY_UlspS_u13p3[2]	424	
_DmpDecelGainSlewY_UlspS_u13p3[3]	432	
_DmpDecelGainSlewY_UlspS_u13p3[4]	440	
_DmpDecelGainSlewY_UlspS_u13p3[5]	448	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
	6554 8192 523	

FrqDepDmpnInrtCmp_Per1

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Input Value t FDD ADDStaticTblY MtrNmpRadpS um1p17[2] 1553 2068 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] t FDD ADDStaticTblY_MtrNmpRadpS_um1p17[4] 2583 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5] 3099 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 3614 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4129 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4644 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5159 t_FDD_AttenTblX_MtrRadpS_u12p4[0] 240 t_FDD_AttenTblX_MtrRadpS_u12p4[1] 320 t_FDD_AttenTblY_Uls_u8p8[0] 49 t_FDD_AttenTblY_Uls_u8p8[1] 51 t_FDD_BlendTblY_Uls_u8p8[0] 3 t_FDD_BlendTblY_Uls_u8p8[1] 5 t_FDD_BlendTblY_Uls_u8p8[2] 8 t_FDD_BlendTblY_Uls_u8p8[3] 10 t_FDD_BlendTblY_Uls_u8p8[4] 13 t_FDD_BlendTblY_Uls_u8p8[5] 15 t_FDD_BlendTblY_Uls_u8p8[6] 18 t_FDD_BlendTblY_Uls_u8p8[7] 20 t_FDD_BlendTblY_Uls_u8p8[8] 23 t_FDD_BlendTblY_Uls_u8p8[9] 26 t_FDD_BlendTblY_Uls_u8p8[10] 28 t_FDD_BlendTblY_Uls_u8p8[11] 31 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0] 13 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1] 26 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2] 38 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3] 51 t InrtCmp ScaleFactorTblY Uls u9p7[4] 64 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5] 77 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6] 90 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] 102 t InrtCmp ScaleFactorTblY Uls u9p7[8] 115 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] 128 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] 141 154 $t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]$ t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] 3 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] 5 t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3] 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 15 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] t_RIAstWIRBIndTblY_Uls_u2p14[0] 1638 t_RIAstWIRBIndTblY_Uls_u2p14[1] 3277 t_RIAstWIRBIndTblY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[3] 6554 t_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 8.1 tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value $tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value$ 600.2 $tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value \\$ -10 $tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value$ $tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value$ 10.02 tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 100.01 tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value 1.2 $tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc \\ tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd \\ tgt_FrqDepDmpnInrtCmp_Per1_BaseAssis$ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Il tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32 tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FreqDepDmpsI tgt FrqDepDmpnInrtCmp Per1 FreqDepDmpSrlComSvcDft Cnt Igc tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmpnIn tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32 $tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32$ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 $\label{total_tot$

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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	✓
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	8.80000019	8.8 ± 0.00048828125	~

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

Test Step 3.4 (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_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_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
	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	32
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	128

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Name	Input Value	
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]	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	
	160	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	176	
	192	
	208	
P_FDD_FreqTblYM_Hz_u12p4[1][11]	224	
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 10240	
CmnVehSpd_Kph_u9p7[6]		
CmnVehSpd_Kph_u9p7[7]	11520	
CmnVehSpd_Kph_u9p7[8]	12800	
_CmnVehSpd_Kph_u9p7[9]	14080	
_CmnVehSpd_Kph_u9p7[10]	15360	
_CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	8602	
_DmpADDCoefX_MtrNm_u4p12[1]	9011	
_DmpADDCoefX_MtrNm_u4p12[2]	9421	
_DmpADDCoefX_MtrNm_u4p12[3]	9830	
_DmpADDCoefX_MtrNm_u4p12[4]	10240	
_DmpADDCoefX_MtrNm_u4p12[5]	10650	
_DmpADDCoefX_MtrNm_u4p12[6]	11059	
_DmpADDCoefX_MtrNm_u4p12[7]	11469	
_DmpADDCoefX_MtrNm_u4p12[8]	11878	
_DmpADDCoefX_MtrNm_u4p12[9]	12288	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
DmpDecelGainSlewX MtrRadpS u11p5[3]	3968	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
DmpDecelGainSlewX MtrRadpS u11p5[5]	4032	
DmpDecelGainSlewY_UlspS_u13p3[0]	1480	
DmpDecelGainSlewY_UlspS_u13p3[1]	1488	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1496	
DmpDecelGainSlewY UlspS u13p3[3]	1504	
_DmpDecelGainSlewY_UlspS_u13p3[4]	1512	
DmpDecelGainSlewY UlspS u13p3[4]	1520	
_DmpFiltKpWIRBIndY_UIs_u2p14[0]	3277	
	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]		
DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	1254	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695	
FDD_AttenTblX_MtrRadpS_u12p4[0]	352	
FDD_AttenTblX_MtrRadpS_u12p4[1]	400	
FDD_AttenTblY_Uls_u8p8[0]	65	
_FDD_AttenTblY_Uls_u8p8[1]	68	
_FDD_BlendTblY_Uls_u8p8[0]	5	
_FDD_BlendTblY_Uls_u8p8[1]	8	
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FrqDepDmpnInrtCmp_Per1

гідоеропірпіпістір_гегі			TOPOLO
Name	Input Value		
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_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_ScaleFactorTbIY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[9]	141		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_UIs_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 20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] 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]			
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	29		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_Uis_u2p14[2]	4915 6554		
t_RIAstWIRBIndTbIY_Uis_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	9830		
t WIRBIndTbIX MtrNm u8p8[0]	538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t WIRBIndTbIX MtrNm u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.2		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-600.3		
tgt FrqDepDmpnInrtCmp Per1 FreqDepDmpSrlComSvcDft Cnt Igc.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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssi	stCmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_RepUndersubstantial (Computational Computational Com$	1 tgt_FrqDepDmpnInrtCmp_Per1_CRFMoto	orVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	1 - 1 - 1 - 1		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_F$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepD	mpnInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwTorqu$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorqu	e_HwNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcception (Compared to the Compared to th$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLo	onAccel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCm$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleS	peed_Kph_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpError App_FrqDepDmpnInrtCmp_Perror $	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmd	AmpBlnd_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	•
tat FraDenDmnnInrtCmn Per1 FraDenDmnnInrtCmn MtrNm f32 value	0	0 + 0 00048828125	-

0

 $tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value$

0 ± 0.00048828125



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

Test Step 3.5 (Repeat Count = 1)	
Name	Input Value
PreDecelGain Uls M f32	125691.185
Prev1PreAttnComp_MtrNm_M_f32	2.2
Prev1ScIDrvVel RadpS M f32	292.6
Prev2PreAttnComp_MtrNm_M_f32	6.8
Prev2ScIDrvVel_RadpS_M_f32	105.1
PrevTbarAng_HwDeg_M_f32	-0.001
Rte_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
	40.2
k_DmpGainOnThresh_KphpS_f32 k_InrtCmp_MtrInertia_KgmSq_f32	0.00002
	0.00002
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254
t2_FDD_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][1]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	128
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	224
t2 FDD FreqTblYM Hz u12p4[1][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	240	
_CmnVehSpd_Kph_u9p7[0]	6784	
_CmnVehSpd_Kph_u9p7[1]	6912	
_CmnVehSpd_Kph_u9p7[2]	7040	
_CmnVehSpd_Kph_u9p7[3]	7168	
CmnVehSpd_Kph_u9p7[4]	7296	
	7424	
_CmnVehSpd_Kph_u9p7[6]	7552	
:_CmnVehSpd_Kph_u9p7[7]	7680	
	7808	
CmnVehSpd_Kph_u9p7[9]	7936	
_CmnVehSpd_Kph_u9p7[10]	8064	
	8192	
_CmnVehSpd_Kph_u9p7[11]		
_DmpADDCoefX_MtrNm_u4p12[0]	12698	
_DmpADDCoefX_MtrNm_u4p12[1]	13107	
_DmpADDCoefX_MtrNm_u4p12[2]	13517	
_DmpADDCoefX_MtrNm_u4p12[3]	13926	
_DmpADDCoefX_MtrNm_u4p12[4]	14336	
_DmpADDCoefX_MtrNm_u4p12[5]	14746	
_DmpADDCoefX_MtrNm_u4p12[6]	15155	
_DmpADDCoefX_MtrNm_u4p12[7]	15565	
_DmpADDCoefX_MtrNm_u4p12[8]	15974	
_DmpADDCoefX_MtrNm_u4p12[9]	16384	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320	
 _DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352	
	2408	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416	
mpDecelGainSlewY_UlspS_u13p3[2]	2424	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2448	
	4915	
:_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]		
DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830	
:_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	448	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	480	
FDD_AttenTblY_Uls_u8p8[0]	93	
_FDD_AttenTblY_Uls_u8p8[1]	96	
_FDD_BlendTblY_Uls_u8p8[0]	10	
	13	
FDD_BlendTblY_Uls_u8p8[1]		
FDD_BlendTblY_Uls_u8p8[2]	15	
FDD_BlendTblY_Uls_u8p8[3]	18	
_FDD_BlendTblY_Uls_u8p8[4]	20	
_FDD_BlendTblY_Uls_u8p8[5]	23	
_FDD_BlendTblY_Uls_u8p8[6]	26	
_FDD_BlendTblY_Uls_u8p8[7]	28	
_FDD_BlendTblY_Uls_u8p8[8]	31	
_FDD_BlendTblY_Uls_u8p8[9]	33	
_FDD_BlendTblY_Uls_u8p8[10]	36	
	38	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90		
t InrtCmp ScaleFactorTblY Uls u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[2]	33		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	42		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	44		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	45		
t RIAstWIRBIndTblY Uls u2p14[0]	4915		
t RIAstWIRBIndTblY Uls u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	11469		
t WIRBIndTbiX MtrNm u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t WIRBIndTbIX MtrNm u8p8[3]	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_WIRCmdAmpBlnd_MtrNm_f32.value	3.2		
tgt_riqDepDriprimitCimp_rei1_wikCinidAnipBind_witNin_i52.value tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm		istCmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI			
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_WIRCmdAmpt			
Name Proposition IIIo M #22	Actual Value	Expected Value	Resu
ProPossiCoin IIIs M f22			

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Name		Actual Value	Expected Value	Result
PreDecelGain_Uls_M	1_f32	125690.984	125690.985 ± 0.0625	~
Prev1PreAttnComp_I	MtrNm_M_f32	232822.953	232822.9685 ± 0.9	•
Prev1SclDrvVel_Rad	pS_M_f32	350.610321	350.6103097 ± 0.00390625	~
Prev2PreAttnComp_f	MtrNm_M_f32	2.20000005	2.2 ± 0.00048828125	~
Prev2SclDrvVel_Rad	pS_M_f32	292.600006	292.6 ± 0.00390625	~
PrevTbarAng_HwDeg	g_M_f32	0	0 ± 0.00390625	~
TbarVelFiltSv_M_str.	SV_Uls_f32	1.78252006	1.78252 ± 0.00390625	~
tat FraDepDmpnInrt(Cmp Per1 FrgDepDmpplprtCmp MtrNm f32 value	8 80000019	8 8 + 0 00048828125	~



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

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Test Step 3.6 (Repeat Count = 1)	·
Name	Input Value
PreDecelGain_Uls_M_f32	125793.16
Prev1PreAttnComp_MtrNm_M_f32	-2.2
Prev1SclDrvVel_RadpS_M_f32	-160.3
Prev2PreAttnComp_MtrNm_M_f32	-5.2
Prev2ScIDrvVel_RadpS_M_f32	-301.2
PrevTbarAng_HwDeg_M_f32	-1.1549
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.47856
k_CmnSysKinRatio_MtrDegpHwDeg_f32	40.4
k_CmnTbarStiff_NmpDeg_f32	4.5
k_DmpDecelGainFSlew_UlspS_f32	200.05
k_DmpDecelGain_Uls_f32	3.2
k_DmpGainOffThresh_KphpS_f32	22.3
k_DmpGainOnThresh_KphpS_f32	45.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.00003
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_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
12_FDD_FreqTblYM_Hz_u12p4[0][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112
t2 FDD FreqTblYM Hz u12p4[0][4]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	176
t2 FDD FreqTblYM Hz u12p4[0][8]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	208
12_FDD_FreqTblYM_Hz_u12p4[0][10]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	240
12_FDD_FreqTblYM_Hz_u12p4[0][11] 12_FDD_FreqTblYM_Hz_u12p4[1][0]	80
	96
t2_FDD_FreqTbIYM_Hz_u12p4[1][1] t2_FDD_FreqTbIYM_Hz_u12p4[1][2]	112
	128
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	140

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	240	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	256	
_CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
CmnVehSpd Kph u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
CmnVehSpd_Kph_u9p7[5]	768	
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
_CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
CmnVehSpd Kph u9p7[10]	1408	
CmnVehSpd_Kph_u9p7[11]	1536	
_		
_DmpADDCoefX_MtrNm_u4p12[0]	16794	
_DmpADDCoefX_MtrNm_u4p12[1]	17203	
_DmpADDCoefX_MtrNm_u4p12[2]	17613	
_DmpADDCoefX_MtrNm_u4p12[3]	18022	
_DmpADDCoefX_MtrNm_u4p12[4]	18432	
_DmpADDCoefX_MtrNm_u4p12[5]	18842	
_DmpADDCoefX_MtrNm_u4p12[6]	19251	
_DmpADDCoefX_MtrNm_u4p12[7]	19661	
_DmpADDCoefX_MtrNm_u4p12[8]	20070	
_DmpADDCoefX_MtrNm_u4p12[9]	20480	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1208	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1216	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1224	
	1232	
	1240	
	1248	
: DmpFiltKpWIRBIndY Uls u2p14[0]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1946	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	2093	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	2387	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	512	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	560	
_FDD_AttenTblY_Uls_u8p8[0]	116	
_FDD_AttenTblY_Uls_u8p8[1]	118	
FDD_BlendTblY_Uls_u8p8[0]	13	
FDD_BlendTblY_Uls_u8p8[1]	15	
FDD_BlendTblY_Uls_u8p8[2]	18	
FDD_BlendTblY_Uls_u8p8[3]	20	
_FDD_BlendTblY_Uls_u8p8[4]	23	
_FDD_BlendTblY_Uls_u8p8[5]	26	
_FDD_BlendTblY_Uls_u8p8[6]	28	
_FDD_BlendTblY_Uls_u8p8[7]	31	
_FDD_BlendTblY_Uls_u8p8[8]	33	
_FDD_BlendTblY_Uls_u8p8[9]	36	
_FDD_BlendTblY_Uls_u8p8[10]	38	
_FDD_BlendTblY_Uls_u8p8[11]	41	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
i_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
InrtCmp ScaleFactorTblY Uls u9p7[4]	102		
InrtCmp ScaleFactorTblY Uls u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
	154		
	166		
	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	46		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	50		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	56		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	58		
_inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	59		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	60		
RIAstWIRBIndTblY Uls u2p14[0]	6554		
_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
:_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469		
_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107		
KIAStWIRDINGTBIT_DIS_02p14[4]	1050		
WIRBINGTBIX_MITNIT_dopo[0]	1075		
_WIRBINDTDIX_MINIT_U6p6[1] _WIRBINDTDIX_MtrNm_u8p8[2]	1101		
	1126		
_WIRBIndTbIX_MtrNm_u8p8[3]			
WIRBINGTBIX_MtrNm_u8p8[4]	1152 -7.1		
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-7.1 -500.5		
gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1		
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	-5.2		
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value			
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	40.02		
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	400.06		
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	4.1	-i-to	
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssist			
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotor\			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDr			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAi			
Name	Actual Value	Expected Value	Resu
PreDecelGain Uls M f32	125792.758	125792.7599 ± 0.0625	

3	3-11-1-1		
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 FroDenDmonInrtCmp Per1 FroDenDmonInrtCmp MtrNm f32 value	0	0 + 0 00048828125	-



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

Test Step 3.7 (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	125895.135
Prev1PreAttnComp_MtrNm_M_f32	3.3
Prev1SclDrvVel_RadpS_M_f32	2625.3
Prev2PreAttnComp_MtrNm_M_f32	5.2
Prev2ScIDrvVel_RadpS_M_f32	157.2
PrevTbarAng_HwDeg_M_f32	1.009
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.58963
k_CmnSysKinRatio_MtrDegpHwDeg_f32	50.03
k_CmnTbarStiff_NmpDeg_f32	5.2
k_DmpDecelGainFSlew_UlspS_f32	300.06
k_DmpDecelGain_Uls_f32	4.2
k_DmpGainOffThresh_KphpS_f32	33.2
k_DmpGainOnThresh_KphpS_f32	15.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00004
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1288
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1793
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387
t2 FDD FreqTblYM Hz u12p4[0][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	256
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144
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Name	Input Value
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
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280
_DmpDecelGainSlewY_UlspS_u13p3[0]	1608
_DmpDecelGainSlewY_UlspS_u13p3[1]	1616
_DmpDecelGainSlewY_UlspS_u13p3[2]	1624
_DmpDecelGainSlewY_UlspS_u13p3[3]	1632
_DmpDecelGainSlewY_UlspS_u13p3[4]	1640
_DmpDecelGainSlewY_UlspS_u13p3[5]	1648
DmpFiltKpWIRBIndY Uls u2p14[0]	8192
DmpFiltKpWIRBIndY Uls u2p14[1]	9830
_DmpFiltKpWIRBIndY_UIs_u2p14[2]	11469
DmpFiltKpWIRBIndY UIs u2p14[3]	13107
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1638
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814
	3206
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] FDD ADDStaticTblY MtrNmpRadpS um1p17[6]	3598
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3990
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4382
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774
_FDD_AttenTblX_MtrRadpS_u12p4[0]	512
_FDD_AttenTblX_MtrRadpS_u12p4[1]	560
_FDD_AttenTblY_Uls_u8p8[0]	144
_FDD_AttenTblY_Uls_u8p8[1]	146
_FDD_BlendTblY_Uls_u8p8[0]	15
_FDD_BlendTblY_Uls_u8p8[1]	18
_FDD_BlendTblY_Uls_u8p8[2]	20
_FDD_BlendTblY_Uls_u8p8[3]	23
_FDD_BlendTblY_Uls_u8p8[4]	26
_FDD_BlendTblY_Uls_u8p8[5]	28
FDD_BlendTblY_Uls_u8p8[6]	31
_FDD_BlendTblY_Uls_u8p8[7]	33
_FDD_BlendTblY_Uls_u8p8[8]	36
_FDD_BlendTblY_Uls_u8p8[9]	38
_FDD_BlendTblY_Uls_u8p8[10]	41
	44

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128		
t InrtCmp ScaleFactorTblY UIs u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t InrtCmp ScaleFactorTblY Uls u9p7[11]	205		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	65		
t_inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	72		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	76		
t_RIAstWIRBIndTblY_Uis_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	14746		
t_WIRBIndTbiX_MtrNm_u8p8[0]	1306		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1331		
t WIRBIndTbiX MtrNm u8p8[2]	1357		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1382		
t WIRBIndTbiX MtrNm u8p8[4]	1408		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	6.2		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	400.6		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	5.3		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-10.05		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	500.08		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.2		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorV			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm			
Name	Actual Value	Expected Value	Resul
		•	Resul
PreDecelGain_Uls_M_f32	125894.531	125894.5349 ± 0.0625	

3	3-11-1-1		
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	~
tot FroDenDmonInrtCmp Per1 FroDenDmonInrtCmp MtrNm f32 value	0	0 + 0 00048828125	V



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

Test Step 3.8 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	125997.11
Prev1PreAttnComp_MtrNm_M_f32	-3.3
Prev1SclDrvVel_RadpS_M_f32	-4021.3
Prev2PreAttnComp_MtrNm_M_f32	-2.3
Prev2ScIDrvVel_RadpS_M_f32	-363.2
PrevTbarAng_HwDeg_M_f32	0.159
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.6
TbarVelFiltSv_M_str.K_Uls_f32	0.63214
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.05
k_CmnTbarStiff_NmpDeg_f32	6.2
k_DmpDecelGainFSlew_UlspS_f32	400.05
k_DmpDecelGain_Uls_f32	6.5
k_DmpGainOffThresh_KphpS_f32	44.5
k_DmpGainOnThresh_KphpS_f32	20.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.0008
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_FreqTbIYM_Hz_u12p4[0][11]	272
t2_FDD_FreqTbIYM_Hz_u12p4[1][0]	336
t2_FDD_FreqTbIYM_Hz_u12p4[1][1]	352
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384

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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	448	
2 FDD FregTblYM Hz u12p4[1][8]	464	
12_FDD_FreqTblYM_Hz_u12p4[1][9]	480	
12_FDD_FreqTblYM_Hz_u12p4[1][10]	496	
12_FDD_FreqTblYM_Hz_u12p4[1][11]	512	
t_CmnVehSpd_Kph_u9p7[0]	12800	
:_CmnVehSpd_Kph_u9p7[1]	12928	
:_CmnVehSpd_Kph_u9p7[2]	13056	
t_CmnVehSpd_Kph_u9p7[3]	13184	
	13312	
	13440	
t_CmnVehSpd_Kph_u9p7[5]		
t_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]	24986	
:_DmpADDCoefX_MtrNm_u4p12[1]	25395	
t_DmpADDCoefX_MtrNm_u4p12[2]	25805	
_DmpADDCoefX_MtrNm_u4p12[3]	26214	
_DmpADDCoefX_MtrNm_u4p12[4]	26624	
t_DmpADDCoefX_MtrNm_u4p12[5]	27034	
_DmpADDCoefX_MtrNm_u4p12[6]	27443	
_DmpADDCoefX_MtrNm_u4p12[7]	27853	
u4p12[8]	28262	
:_DmpADDCoefX_MtrNm_u4p12[9]	28672	
	32320	
mpDecelGainSlewX_MtrRadpS_u11p5[1]	32352	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384	
bmpbecelGainGlewX_mtrRadpS_u11p5[3]	32416	
	32448	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]		
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	
_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]	1427	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1655	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1884	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2112	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2340	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2568	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2796	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3024	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3252	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3480	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	656	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	720	
_FDD_AttenTblY_Uls_u8p8[0]	172	
_FDD_AttenTbIY_Uls_u8p8[1]	174	
_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	
_FDD_BlendTblY_Uls_u8p8[7]	36	
_FDD_BlendTblY_Uls_u8p8[8]	38	
_FDD_BlendTblY_Uls_u8p8[9]	41	
t_FDD_BlendTblY_Uls_u8p8[10]	44	
t_FDD_BlendTblY_Uls_u8p8[11]	46	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	77		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]	84		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613		
t WIRBIndTbIX MtrNm u8p8[3]	1638		
t WIRBIndTbIX MtrNm u8p8[4]	1664		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-6.3		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118		
tgt FrqDepDmpnInrtCmp Per1 FreqDepDmpSrlComSvcDft Cnt 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 WIRCmdAmpBlnd MtrNm f32.value	6.3		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm	1 1	stCmd MtrNm f32	
tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			
Name	Actual Value	Expected Value	Result
Tunio Tunio	Actual Value	Expedied value	Result

20	h = . .3		
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	~
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	-8 80000019	-8.8 + 0.00048828125	~



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

Test Step 3.9 (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 4678.2
Prev2ScIDrvVel_RadpS_M_f32	-0.129
PrevTbarAng_HwDeg_M_f32	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp 6.2
FbarVelFiltSv_M_str.SV_UIs_f32	0.2
FbarVelFiltSv_M_str.K_Uls_f32	70.5
c_CmnSysKinRatio_MtrDegpHwDeg_f32	7.5
C_CmnTbarStiff_NmpDeg_f32	
C_DmpDecelGainFSlew_UlspS_f32	500.02
C_DmpDecelGain_Uls_f32	5.6
c_DmpGainOffThresh_KphpS_f32	8.6
C_DmpGainOnThresh_KphpS_f32	25.2
:_InrtCmp_MtrInertia_KgmSq_f32	0.00009
:_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1427
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1655
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1884
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2112
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2340
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2568
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2796
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3252
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3480
2_FDD_FreqTblYM_Hz_u12p4[0][0]	336
2_FDD_FreqTblYM_Hz_u12p4[0][1]	352
2_FDD_FreqTbIYM_Hz_u12p4[0][2]	368
2_FDD_FreqTblYM_Hz_u12p4[0][3]	384
2_FDD_FreqTbIYM_Hz_u12p4[0][4]	400
2_FDD_FreqTblYM_Hz_u12p4[0][5]	416
2_FDD_FreqTblYM_Hz_u12p4[0][6]	432
2_FDD_FreqTbIYM_Hz_u12p4[0][7]	448
2_FDD_FreqTbIYM_Hz_u12p4[0][8]	464
2_FDD_FreqTblYM_Hz_u12p4[0][9]	480
2_FDD_FreqTblYM_Hz_u12p4[0][10]	496
2_FDD_FreqTblYM_Hz_u12p4[0][11]	512
2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
2_FDD_FreqTblYM_Hz_u12p4[1][1]	672
2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
2_FDD_FreqTblYM_Hz_u12p4[1][3]	704

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Name	Input Value
2_FDD_FreqTblYM_Hz_u12p4[1][4]	720
2_FDD_FreqTblYM_Hz_u12p4[1][5]	736
2_FDD_FreqTblYM_Hz_u12p4[1][6]	752
2_FDD_FreqTblYM_Hz_u12p4[1][7]	768
2_FDD_FreqTblYM_Hz_u12p4[1][8]	784
2_FDD_FreqTblYM_Hz_u12p4[1][9]	800
2_FDD_FreqTblYM_Hz_u12p4[1][10]	816
2_FDD_FreqTblYM_Hz_u12p4[1][11]	832
CmnVehSpd_Kph_u9p7[0]	15488
CmnVehSpd_Kph_u9p7[1]	15616
CmnVehSpd_Kph_u9p7[2]	15744
CmnVehSpd Kph u9p7[3]	15872
CmnVehSpd_Kph_u9p7[4]	16000
CmnVehSpd_Kph_u9p7[5]	16128
CmnVehSpd_Kph_u9p7[6]	16256
CmnVehSpd_Kph_u9p7[7]	16384
CmnVehSpd_Kph_u9p7[8]	16512
	16640
CmnVehSpd_Kph_u9p7[9]	16768
CmnVehSpd_Kph_u9p7[10]	
CmnVehSpd_Kph_u9p7[11]	16896
DmpADDCoefX_MtrNm_u4p12[0]	28262
DmpADDCoefX_MtrNm_u4p12[1]	28672
DmpADDCoefX_MtrNm_u4p12[2]	29082
_DmpADDCoefX_MtrNm_u4p12[3]	29491
_DmpADDCoefX_MtrNm_u4p12[4]	29901
_DmpADDCoefX_MtrNm_u4p12[5]	30310
_DmpADDCoefX_MtrNm_u4p12[6]	30720
_DmpADDCoefX_MtrNm_u4p12[7]	31130
_DmpADDCoefX_MtrNm_u4p12[8]	31539
DmpADDCoefX_MtrNm_u4p12[9]	31949
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752
_DmpDecelGainSlewY_UlspS_u13p3[0]	384
_DmpDecelGainSlewY_UlspS_u13p3[1]	392
DmpDecelGainSlewY UlspS u13p3[2]	400
_ , _ , _ , _ , _ , _ , _ , _ , _ , _ ,	408
_DmpDecelGainSlewY_UlspS_u13p3[3]	
_DmpDecelGainSlewY_UlspS_u13p3[4]	416
_DmpDecelGainSlewY_UlspS_u13p3[5]	424
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192
DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1608
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2455
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2878
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3302
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3725
FDD ADDStaticTblY MtrNmpRadpS um1p17[6]	4148
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419
	768
FDD_AttenTblX_MtrRadpS_u12p4[0]	
FDD_AttenTblX_MtrRadpS_u12p4[1]	800
FDD_AttenTblY_Uls_u8p8[0]	218
FDD_AttenTblY_Uls_u8p8[1]	220
FDD_BlendTbIY_Uls_u8p8[0]	20
FDD_BlendTbIY_Uls_u8p8[1]	23
FDD_BlendTbIY_Uls_u8p8[2]	26
FDD_BlendTbIY_Uls_u8p8[3]	28
FDD_BlendTblY_Uls_u8p8[4]	31
FDD_BlendTblY_Uls_u8p8[5]	33
FDD_BlendTblY_Uls_u8p8[6]	36
	38
FUD Blend I DIY UIS U8D8171	
	41
_FDD_BlendTbIY_Uls_u8p8[8]	41
_FDD_BiendTblY_Uis_u8p8[7] _FDD_BiendTblY_Uis_u8p8[8] _FDD_BiendTblY_Uis_u8p8[9] _FDD_BiendTblY_Uis_u8p8[10]	41 44 46

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	104		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	105		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	106		
t RIAstWIRBIndTbIY Uls u2p14[0]	3277		
t RIAstWIRBIndTbIY Uls u2p14[1]	4915		
t RIAstWIRBIndTblY Uls u2p14[2]	6554		
t RIAstWIRBIndTbIY Uls u2p14[3]	8192		
t_RIAstWIRBIndTblY_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		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	4.2		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1118		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.03		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-30.05		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	120.08		
tgt FrqDepDmpnInrtCmp Per1 WIRCmdAmpBInd MtrNm f32.value	7.1		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCme		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB			
			Basil
Name	Actual Value	Expected Value	Result

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



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

Test Step 3.10 (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	126201.06
Prev1PreAttnComp_MtrNm_M_f32	-4.4
Prev1ScIDrvVel RadpS M f32	-270.2
Prev2PreAttnComp MtrNm M f32	-1.7
Prev2ScIDrvVel_RadpS_M_f32	-15.3
PrevTbarAng_HwDeg_M_f32	0.279
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv M str.SV Uls f32	-5.5
TbarVelFiltSv M str.K Uls f32	0.025896
k CmnSysKinRatio MtrDegpHwDeg f32	80.02
k CmnTbarStiff NmpDeg f32	8.8
k DmpDecelGainFSlew UlspS f32	600.06
k_DmpDecelGain_Uls_f32	7.2
k_DmpGainOffThresh_KphpS_f32	16.2
k_DmpGainOnThresh_KphpS_f32	30.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.0001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1884
	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	784
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	800
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	832
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1296
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1312
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328
t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	1344

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Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1360
2_FDD_FreqTblYM_Hz_u12p4[1][5]	1376
12_FDD_FreqTblYM_Hz_u12p4[1][6]	1392
12_FDD_FreqTblYM_Hz_u12p4[1][7]	1408
12 FDD FregTblYM Hz u12p4[1][8]	1424
12_FDD_FreqTblYM_Hz_u12p4[1][9]	1440
12_FDD_FreqTblYM_Hz_u12p4[1][10]	1456
2_FDD_FreqTblYM_Hz_u12p4[1][11]	1472
t_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
	11008
_CmnVehSpd_Kph_u9p7[5]	
CmnVehSpd_Kph_u9p7[6]	11136
_CmnVehSpd_Kph_u9p7[7]	11264
CmnVehSpd_Kph_u9p7[8]	11392
_CmnVehSpd_Kph_u9p7[9]	11520
_CmnVehSpd_Kph_u9p7[10]	11648
_CmnVehSpd_Kph_u9p7[11]	11776
_DmpADDCoefX_MtrNm_u4p12[0]	24986
_DmpADDCoefX_MtrNm_u4p12[1]	25395
_DmpADDCoefX_MtrNm_u4p12[2]	25805
_DmpADDCoefX_MtrNm_u4p12[3]	26214
_DmpADDCoefX_MtrNm_u4p12[4]	26624
_DmpADDCoefX_MtrNm_u4p12[5]	27034
_DmpADDCoefX_MtrNm_u4p12[6]	27443
_DmpADDCoefX_MtrNm_u4p12[7]	27853
_DmpADDCoefX_MtrNm_u4p12[8]	28262
_DmpADDCoefX_MtrNm_u4p12[9]	28672
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360
	27392
	27424
	3608
:_DmpDecelGainSlewY_UlspS_u13p3[1]	3616
: DmpDecelGainSlewY UlspS u13p3[2]	3624
:_DmpDecelGainSlewY_UlspS_u13p3[3]	3632
DmpDecelGainSlewY_UlspS_u13p3[4]	3640
	3648
_DmpDecelGainSlewY_UlspS_u13p3[5]	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	2471
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	3152
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4175
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856
_FDD_AttenTblX_MtrRadpS_u12p4[0]	784
_FDD_AttenTblX_MtrRadpS_u12p4[1]	880
FDD_AttenTblY_Uls_u8p8[0]	63
_FDD_AttenTblY_Uls_u8p8[1]	66
_FDD_BlendTblY_Uls_u8p8[0]	49
_FDD_BlendTblY_Uls_u8p8[1]	51
_FDD_BlendTblY_Uls_u8p8[2]	54
_FDD_BlendTblY_Uls_u8p8[3]	57
_FDD_BlendTbIY_Uls_u8p8[4]	60
_FDD_BlendTblY_Uls_u8p8[5]	63
_FDD_BlendTblY_Uls_u8p8[6]	66
_FDD_BlendTblY_Uls_u8p8[7]	68
_FDD_BlendTblY_Uls_u8p8[8]	71
_FDD_BlendTblY_Uls_u8p8[9]	74
:_FDD_BlendTblY_Uls_u8p8[10]	77
t_FDD_BlendTblY_Uls_u8p8[11]	80

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	13		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	14		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	15		
t RIAstWIRBIndTbIY UIs u2p14[0]	4915		
t RIAstWIRBIndTblY Uls u2p14[1]	6554		
t RIAstWIRBIndTblY Uls u2p14[2]	8192		
t RIAstWIRBIndTblY Uls u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t WIRBIndTbIX MtrNm u8p8[0]	410		
t WIRBIndTbIX MtrNm u8p8[1]	435		
t_WIRBIndTbIX_MtrNm_u8p8[2]	461		
t_WIRBIndTbIX_MtrNm_u8p8[3]	486		
t WIRBIndTbIX MtrNm u8p8[4]	512		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-4.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	2.5		
tgt_FrqDepDmpnInrtCmp_Per1_Nw10rque_nwntin_toz.value	-40.02		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	130.09		
tgt_FrqDepDmpnInrtCmp_Fer1_verifcleSpeed_xpn_is2.value	7.1		
		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmc			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr tot_Bto_leat_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Req1_HwTerque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_		- · -	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB			1_
Name	Actual Value	Expected Value	Result

20			
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	0	0 + 0 00048828125	✓



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

Test Step 3.11 (Repeat Count = 1)	· ·
Name	Input Value
PreDecelGain_Uls_M_f32	126303.035
Prev1PreAttnComp_MtrNm_M_f32	5.5
Prev1ScIDrvVel RadpS M f32	6789
Prev2PreAttnComp MtrNm M f32	1.7
Prev2SclDrvVel_RadpS_M_f32	5322.2
PrevTbarAng_HwDeg_M_f32	-0.269
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_UIs_f32	5.2
TbarVelFiltSv_M_str.K_Uls_f32	0.03698
k CmnSysKinRatio MtrDegpHwDeg f32	90.02
k CmnTbarStiff NmpDeg f32	9.6
k DmpDecelGainFSlew UlspS f32	700.02
k_DmpDecelGain_Uls_f32	8.5
k_DmpGainOffThresh_KphpS_f32	24.1
k_DmpGainOnThresh_KphpS_f32	35.3
k_InrtCmp_MtrInertia_KgmSq_f32	0.0008
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	2032
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	2455
	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302
	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]	4995
	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1344
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1424
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1440
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1456
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168
t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	1184

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Name	Input Value
2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200
2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216
2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232
2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248
2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264
2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280
2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296
2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312
_CmnVehSpd_Kph_u9p7[0]	5248
_CmnVehSpd_Kph_u9p7[1]	5376
CmnVehSpd Kph u9p7[2]	5504
CmnVehSpd Kph u9p7[3]	5632
_CmnVehSpd_Kph_u9p7[4]	5760
	5888
_CmnVehSpd_Kph_u9p7[5]	6016
_CmnVehSpd_Kph_u9p7[6]	6144
_CmnVehSpd_Kph_u9p7[7]	6272
_CmnVehSpd_Kph_u9p7[8]	
_CmnVehSpd_Kph_u9p7[9]	6400
_CmnVehSpd_Kph_u9p7[10]	6528
_CmnVehSpd_Kph_u9p7[11]	6656
_DmpADDCoefX_MtrNm_u4p12[0]	28262
_DmpADDCoefX_MtrNm_u4p12[1]	28672
_DmpADDCoefX_MtrNm_u4p12[2]	29082
_DmpADDCoefX_MtrNm_u4p12[3]	29491
_DmpADDCoefX_MtrNm_u4p12[4]	29901
_DmpADDCoefX_MtrNm_u4p12[5]	30310
_DmpADDCoefX_MtrNm_u4p12[6]	30720
_DmpADDCoefX_MtrNm_u4p12[7]	31130
_DmpADDCoefX_MtrNm_u4p12[8]	31539
_DmpADDCoefX_MtrNm_u4p12[9]	31949
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	14592
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	14624
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	14656
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	14688
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	14720
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	14752
DmpDecelGainSlewY_UlspS_u13p3[0]	288
_DmpDecelGainSlewY_UlspS_u13p3[1]	296
DmpDecelGainSlewY UlspS u13p3[2]	304
DmpDecelGainSlewY UlspS u13p3[3]	312
_DmpDecelGainSlewY_UlspS_u13p3[4]	320
_DmpDecelGainSlewY_UlspS_u13p3[5]	328
DmpFiltKpWIRBIndY Uls u2p14[0]	6554
DmpFiltKpWIRBIndY_UIs_u2p14[0]	8192
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	827
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	994
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	1659
_FDD_AttenTblX_MtrRadpS_u12p4[0]	944
FDD_AttenTblX_MtrRadpS_u12p4[1]	960
FDD_AttenTblY_Uls_u8p8[0]	78
FDD_AttenTblY_Uls_u8p8[1]	80
FDD_BlendTblY_Uls_u8p8[0]	65
FDD_BlendTblY_Uls_u8p8[1]	68
FDD_BlendTblY_Uls_u8p8[2]	70
FDD_BlendTbIY_Uls_u8p8[3]	73
FDD_BlendTblY_Uls_u8p8[4]	75
FDD_BlendTblY_Uls_u8p8[5]	78
FDD_BlendTblY_Uls_u8p8[6]	80
FDD_BlendTblY_Uls_u8p8[7]	83
FDD_BlendTblY_Uls_u8p8[8]	86
FDD_BlendTblY_Uls_u8p8[9]	88
_FDD_BlendTblY_Uls_u8p8[10]	91
_FDD_BlendTblY_Uls_u8p8[11]	93

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t InrtCmp ScaleFactorTblY Uls u9p7[5]	230		
t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[2]	18		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	24		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	29		
t RIAstWIRBIndTblY Uls u2p14[0]	6554		
t RIAstWIRBIndTbIY_UIs u2p14[1]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
t WIRBIndTbIX MtrNm u8p8[0]	666		
t_WIRBIndTblX_MtrNm_u8p8[1]	691		
t_WIRBIndTblX_MtrNm_u8p8[2]	717		
t WIRBIndTbiX_MtrNm u8p8[3]	742		
t WIRBIndTbIX MtrNm u8p8[4]	768		
	3.1		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-350.2		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value			
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	A	
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_FrqDepDmpnIi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDep$			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE	tgt_FrqDepDmpnInrtCmp_Per1_WIR	CmdAmpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
ProDocal Cain, Lllo, M, #22	126201 622	126201 625 + 0.0625	

20	h = . .3	- 19 14 15 15 15 15 15 15 15		
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	~	
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	8 80000019	8 8 + 0 00048828125	✓	



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

Proceedian U.S. M. 52	T4 04 0 40 (D4 04)	, a
Prescribedaning Minks M. 192 PerstStehtming Minks Min	Test Step 3.12 (Repeat Count = 1)	<u> </u>
President Comp. Minkin M. 192 President Comp. Minkin Min		
Pervisite/Annum J. Minn M. 192	PreDecelGain_Uls_M_f32	
PREZEDENTAGEMENT MINERS MESS MESS MESS MESS MESS MESS MESS M	Prev1PreAttnComp_MtrNm_M_f32	
Proze28ch John St. 192 Proz.	Prev1SclDrvVel_RadpS_M_f32	
Pictor Tarking Hobelg M. 12	Prev2PreAttnComp_MtrNm_M_f32	-8.3
Rit_Inst_A_FingPepDemoninCrop	Prev2SclDrvVel_RadpS_M_f32	-42.2
TRANSFERS, M. B. 122 1.17 TRANSFERS, M. B. 122 1.17	PrevTbarAng_HwDeg_M_f32	2.459
Transverifies, M. et K. U. B. 12 L. Comstandin Kinegophiolog. [32] L. Lome, Mitherial. Spanis, [32] L. Indicom, Mitherial. Spanis, [32] L. Indicom, Mitherial. Spanis, [32] L. Indicom, Mitherial. Spanis, [32] L. Lome, Mitherial. Spanis, [32] L. Lome, Authorial. Spanis, [33] L. Lome, Authorial. Spanis, [33] L. Lome, Authorial. Spanish, [34] L. Lome, Authorial. Spanish,	Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
	TbarVelFiltSv_M_str.SV_Uls_f32	-4.2
S. Com/Decidian/Psiew_Uisp\$_102 15	TbarVelFiltSv_M_str.K_Uls_f32	0.02547
	k_CmnSysKinRatio_MtrDegpHwDeg_f32	11.12
k, DmpGainOffThreeth, KphpS, 152 k, DmpGainOffThreeth, KphpS, 152 k, DmpGainOffThreeth, KphpS, 152 k, IntrCmp, Mirthorita, Mir	k_CmnTbarStiff_NmpDeg_f32	1.5
k_ DmpGainOfThreah_Kphps_J32	k_DmpDecelGainFSlew_UlspS_f32	800.01
L DmpCainOnTreeh, KphSc, 132	k_DmpDecelGain_Uls_f32	9.5
Intricmp_Mtrinertia_Kgmsq_G2	k_DmpGainOffThresh_KphpS_f32	32.3
LintCrop, MitVel, ScaleFactor, Uls_122 0.9	k_DmpGainOnThresh_KphpS_f32	40.2
2 FDD_ADDRollingTbYM_MitNmpRadpS_um1p17(0) 1789 2130 2150 2267 2271	k_InrtCmp_MtrInertia_KgmSq_f32	0.00009
12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[0][1] 2130 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[0][2] 2471 13 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[0][3] 2811 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[0][6] 3152 13 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[0][6] 3834 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[0][6] 3834 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[0][7] 4175 14 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[0][8] 4515 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[0][9] 4856 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[0][9] 4856 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[1][9] 4856 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[1][9] 2455 13 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[1][9] 2455 14 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[1][9] 2455 15 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[1][9] 3978 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[1][9] 3978 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[1][9] 3978 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[1][9] 4148 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[1][9] 4148 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[1][9] 4199 12 FDD_ADDRollingTbiYM_MitrNmpRadpS_um1p17[1][9] 5419 12 FDD_FerqTbrMM_Hz_u12p4[0][1] 1192 12 FDD_FerqTbrMM_Hz_u12p4[0][1] 1192 12 FDD_FerqTbrMM_Hz_u12p4[0][1] 1192 12 FDD_FerqTbrMM_Hz_u12p4[0][1] 1194 12 FDD_FerqTbrMM_Hz_u12p4[0][1] 120 12 FDD_FerqTbrMM_Hz_u12p4[0][1] 1280 12 FDD_FerqTbrMM_Hz_u12p4[0][1] 1280 12 FDD_FerqTbrMM_Hz_u12p4[0][1] 126 12 FDD_FerqTbrMM_Hz_u12p4[0][1] 1280 12 FDD_FerqTbrMM_Hz_u12p4[0][1] 1280 12 FDD_FerqTbrMM_Hz_u12p4[0][1] 1296 12 FDD_FerqT	k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
12 FDD _ ADDRollingTbYM_MrivmpRadpS_um1p17(0)[1) 2130 2471 2271 2271 2271 2271 2271 2271 2271 2271 2271 2271 2271 2271 2271 2271 2271 2271 2271 2271 2270 _ ADDRollingTbYM_MrivmpRadpS_um1p17(0)[3] 3152	t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	1789
2 FDD_ADDRollingTbYM_MrhmpRadpS_um1p17(0)[2] 2471 2 FDD_ADDRollingTbYM_MrhmpRadpS_um1p17(0)[3] 2811 2 FDD_ADDRollingTbYM_MrhmpRadpS_um1p17(0)[6] 3152 2 FDD_ADDRollingTbYM_MrhmpRadpS_um1p17(0)[6] 3493 2 FDD_ADDRollingTbYM_MrhmpRadpS_um1p17(0)[6] 3493 2 FDD_ADDRollingTbYM_MrhmpRadpS_um1p17(0)[7] 4175		2130
12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[0][3] 2811 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[0][4] 3152 13 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[0][6] 3834 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[0][6] 3834 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[0][7] 4175 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[0][8] 4516 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[0][9] 4556 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[1][9] 4556 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[1][9] 4556 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[1][1] 2032 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[1][2] 2455 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[1][2] 2456 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[1][3] 2878 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[1][4] 3302 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[1][6] 4148 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[1][6] 4148 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[1][6] 4148 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[1][7] 4572 12 FDD_ADDRollingTbYM_MmmpRadpS_um1p17[1][8] 4996 12 FDD_FeqTbYM_MmmpRadpS_um1p17[1][9] 5419 12 FDD_FeqTbYM_Hz_u12p4[0][0] 1136 12 FDD_FeqTbYM_Hz_u12p4[0][0] 1168 12 FDD_FeqTbYM_Hz_u12p4[0][1] 1152 12 FDD_FeqTbYM_Hz_u12p4[0][1] 1200 12 FDD_FeqTbYM_Hz_u12p4[0][1] 1200 12 FDD_FeqTbYM_Hz_u12p4[0][6] 1236 12 FDD_FeqTbYM_Hz_u12p4[0][6] 1236 12 FDD_FeqTbYM_Hz_u12p4[0][6] 1246 12 FDD_FeqTbYM_Hz_u12p4[0][6] 1280 12 FDD_FeqTbYM_Hz_u12p4[0][6] 1280 12 FDD_FeqTbYM_Hz_u12p4[0][6] 1296 12 FDD_FeqTbYM_Hz_u12p4[0][1] 1512 12 FDD_FeqTbYM_Hz_u12p4[0][1] 1296 12 FDD_FeqTbYM_Hz_u12p4[1][1] 192 12 FDD_FeqTbYM_Hz_u12p4[1][1] 1096 12 FDD_FeqTbYM_Hz_u12p4[1][1] 1096 1		
12 FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[4] 3152 3493		
2_FDD_ADDRollingTbYM_MtrVmpRadpS_um1p17(0)[5] 3493 3		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 3834 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 4175		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0) 8		
12_FDD_ADDRollingTb\YM_Mtr\mpRadpS_um1p17(0) 9 4856 12_FDD_ADDRollingTb\YM_Mtr\mpRadpS_um1p17(1) 0 1608 12_FDD_ADDRollingTb\YM_Mtr\mpRadpS_um1p17(1) 1 2032 12_FDD_ADDRollingTb\YM_Mtr\mpRadpS_um1p17(1) 2 2455 12_FDD_ADDRollingTb\YM_Mtr\mpRadpS_um1p17(1) 3 2878 12_FDD_ADDRollingTb\YM_Mtr\mpRadpS_um1p17(1) 3 3302 12_FDD_ADDRollingTb\YM_Mtr\mpRadpS_um1p17(1) 5 3725 12_FDD_ADDRollingTb\YM_Mtr\mpRadpS_um1p17(1) 6 4148 12_FDD_ADDRollingTb\YM_Mtr\mpRadpS_um1p17(1) 7 4572 12_FDD_ADDRollingTb\YM_Mtr\mpRadpS_um1p17(1) 8 4995 12_FDD_ADDRollingTb\YM_Mtr\mpRadpS_um1p17(1) 8 4995 12_FDD_ADDRollingTb\YM_Mtr\mpRadpS_um1p17(1) 8 4995 12_FDD_FreqTb\YM_Hz_u12p4[0] 0 1136 12_FDD_FreqTb\YM_Hz_u12p4[0] 1 1152 12_FDD_FreqTb\YM_Hz_u12p4[0] 2 1168 12_FDD_FreqTb\YM_Hz_u12p4[0] 3 1184 12_FDD_FreqTb\YM_Hz_u12p4[0] 3 1184 12_FDD_FreqTb\YM_Hz_u12p4[0] 6 1232 12_FDD_FreqTb\YM_Hz_u12p4[0] 6 1232 12_FDD_FreqTb\YM_Hz_u12p4[0] 6 1232 12_FDD_FreqTb\YM_Hz_u12p4[0] 8 1264 12_FDD_FreqTb\YM_Hz_u12p4[0] 9 1280 12_FDD_FreqTb\YM_Hz_u12p4[0] 9 1296 12_FDD_FreqTb\YM_Hz_u12p4[0] 10 1296 12_FDD_FreqTb\YM_Hz_u12p4[0] 11 1312 12_FDD_FreqTb		
12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17{1 0 } 2032 2052		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 2032 2455		
12_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17[1] 2 2455 12_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17[1] 3 2878 12_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17[1] 4 3302 12_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17[1] 5 3725 12_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17[1] 6 4148 12_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17[1] 7 4572 12_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17[1] 8 4995 12_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17[1] 9 5419 12_FDD_FreqTblYM_Hz_u12p4[0] 0 1136 12_FDD_FreqTblYM_Hz_u12p4[0] 1 1152 12_FDD_FreqTblYM_Hz_u12p4[0] 2 1168 12_FDD_FreqTblYM_Hz_u12p4[0] 3 1184 12_FDD_FreqTblYM_Hz_u12p4[0] 6 1200 12_FDD_FreqTblYM_Hz_u12p4[0] 6 1232 12_FDD_FreqTblYM_Hz_u12p4[0] 6 1232 12_FDD_FreqTblYM_Hz_u12p4[0] 6 1248 12_FDD_FreqTblYM_Hz_u12p4[0] 8 1264 12_FDD_FreqTblYM_Hz_u12p4[0] 9 1280 12_FDD_FreqTblYM_Hz_u12p4[0] 9 1280 12_FDD_FreqTblYM_Hz_u12p4[0] 9 1280 12_FDD_FreqTblYM_Hz_u12p4[0] 1 1312 12_FDD_FreqTblYM_Hz_u12p4[0] 1		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2878 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 3302 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3725 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 4148 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4572 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419 12_FDD_FORD_FORD_FORD_FORD_FORD_FORD_FORD_		
12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4] 3302 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5] 3725 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 4148 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7] 4572 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9] 5419 12_FDD_ADDRollingTbIYM_Hz_u12p4[0][0] 1136 12_FDD_FreqTbIYM_Hz_u12p4[0][1] 1152 12_FDD_FreqTbIYM_Hz_u12p4[0][2] 1168 12_FDD_FreqTbIYM_Hz_u12p4[0][3] 1184 12_FDD_FreqTbIYM_Hz_u12p4[0][4] 1200 12_FDD_FreqTbIYM_Hz_u12p4[0][6] 1236 12_FDD_FreqTbIYM_Hz_u12p4[0][6] 1232 12_FDD_FreqTbIYM_Hz_u12p4[0][7] 1248 12_FDD_FreqTbIYM_Hz_u12p4[0][8] 1260 12_FDD_FreqTbIYM_Hz_u12p4[0][9] 1280 12_FDD_FreqTbIYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTbIYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTbIYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTbIYM_Hz_u12p4[1][0] 176 12_FDD_FreqTbIYM_Hz_u12p4[1][1] 192 12_FDD_FreqTbIYM_Hz_u12p4[1][1] 192 12_FDD_FreqTbIYM_Hz_u12p4[1][1] 192 12_FDD_FreqTbIYM_Hz_u12p4[1][2] 208		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1] 5 3725 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1] 6 4148 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1] 7 4572 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1] 8 4995 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1] 9 5419 12_FDD_FreqTblYM_Hz_u12p4[0] 0 1136 12_FDD_FreqTblYM_Hz_u12p4[0] 1 1152 12_FDD_FreqTblYM_Hz_u12p4[0] 2 1168 12_FDD_FreqTblYM_Hz_u12p4[0] 3 1184 12_FDD_FreqTblYM_Hz_u12p4[0] 3 1200 12_FDD_FreqTblYM_Hz_u12p4[0] 5 1216 12_FDD_FreqTblYM_Hz_u12p4[0] 6 1232 12_FDD_FreqTblYM_Hz_u12p4[0] 6 1232 12_FDD_FreqTblYM_Hz_u12p4[0] 8 1264 12_FDD_FreqTblYM_Hz_u12p4[0] 9 1280 12_FDD_FreqTblYM_Hz_u12p4[0] 11 1312 12_FDD_FreqTblYM_Hz_u12p4[0] 11 1312 12_FDD_FreqTblYM_Hz_u12p4[0] 11 1312 12_FDD_FreqTblYM_Hz_u12p4[0] 11 1312 12_FDD_FreqTblYM_Hz_u12p4[1] 1 192 12_FDD_FreqTblYM_Hz_u12p4[1] 2 208 12_FDD_FreqTblYM_Hz_u12p4[1] 2 208 12_FDD_FreqTblYM_Hz_u12p4[1] 1 192 12_FDD_FreqTblYM_Hz_u12p4[1] 2 208 12_FDD_FreqTblYM_Hz_u12p4[1] 1 192 12_FDD_FreqTblYM_Hz_u12p4[1] 1 192 12_FDD_FreqTblYM_Hz_u12p4[1] 1 192 12_FDD_FreqTblYM_Hz_u12p4[1] 2 208 12_FDD_FreqTblYM_Hz_u12p4[1] 2 208 12_FDD_FreqTblYM_Hz_u12p4[1] 2 208 12_FDD_FreqTblYM_Hz_u12p4[1] 1 192 12_FDD_FreqTblYM_Hz_u12p4[1] 1 192 12_FDD_FreqTblYM_Hz_u12p4[1] 2 208 12_FDD_F		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4572 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ForeqTblYM_Hz_u12p4[0][0] 1136 12_FDD_ForeqTblYM_Hz_u12p4[0][1] 1152 12_FDD_FreqTblYM_Hz_u12p4[0][2] 1168 12_FDD_FreqTblYM_Hz_u12p4[0][3] 1184 12_FDD_FreqTblYM_Hz_u12p4[0][4] 1200 12_FDD_FreqTblYM_Hz_u12p4[0][5] 1216 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1232 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1232 12_FDD_FreqTblYM_Hz_u12p4[0][7] 1248 12_FDD_FreqTblYM_Hz_u12p4[0][8] 1264 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1280 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTblYM_Hz_u12p4[0][1] 176 12_FDD_FreqTblYM_Hz_u12p4[1][1] 192 12_FDD_FreqTblYM_Hz_u12p4[1][1] 192 12_FDD_FreqTblYM_Hz_u12p4[1][2] 208		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_FreqTblYM_Hz_u12p4[0][0] 1136 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1152 12_FDD_FreqTblYM_Hz_u12p4[0][2] 1168 12_FDD_FreqTblYM_Hz_u12p4[0][3] 1184 12_FDD_FreqTblYM_Hz_u12p4[0][4] 1200 12_FDD_FreqTblYM_Hz_u12p4[0][5] 1216 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1232 12_FDD_FreqTblYM_Hz_u12p4[0][7] 1248 12_FDD_FreqTblYM_Hz_u12p4[0][8] 1264 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1280 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTblYM_Hz_u12p4[1][0] 176 12_FDD_FreqTblYM_Hz_u12p4[1][1] 192 12_FDD_FreqTblYM_Hz_u12p4[1][2] 208		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419 12_FDD_FreqTblYM_Hz_u12p4[0][0] 1136 12_FDD_FreqTblYM_Hz_u12p4[0][2] 1168 12_FDD_FreqTblYM_Hz_u12p4[0][3] 1184 12_FDD_FreqTblYM_Hz_u12p4[0][4] 1200 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1216 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1232 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1232 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1248 12_FDD_FreqTblYM_Hz_u12p4[0][8] 1264 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1280 12_FDD_FreqTblYM_Hz_u12p4[0][10] 1296 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1312 12_FDD_FreqTblYM_Hz_u12p4[1][0] 176 12_FDD_FreqTblYM_Hz_u12p4[1][1] 192 12_FDD_FreqTblYM_Hz_u12p4[1][2] 208		
12_FDD_FreqTb YM_Hz_u12p4[0][0]		
12_FDD_FreqTblYM_Hz_u12p4[0][1]		
12_FDD_FreqTblYM_Hz_u12p4[0][2]		
12_FDD_FreqTblYM_Hz_u12p4[0][3]		
12_FDD_FreqTblYM_Hz_u12p4[0][4] 1200 12_FDD_FreqTblYM_Hz_u12p4[0][5] 1216 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1232 12_FDD_FreqTblYM_Hz_u12p4[0][7] 1248 12_FDD_FreqTblYM_Hz_u12p4[0][8] 1264 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1280 12_FDD_FreqTblYM_Hz_u12p4[0][10] 1296 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1312 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1312 12_FDD_FreqTblYM_Hz_u12p4[1][0] 176 12_FDD_FreqTblYM_Hz_u12p4[1][1] 192 12_FDD_FreqTblYM_Hz_u12p4[1][2] 208		
12_FDD_FreqTblYM_Hz_u12p4[0][5] 1216 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1232 12_FDD_FreqTblYM_Hz_u12p4[0][7] 1248 12_FDD_FreqTblYM_Hz_u12p4[0][8] 1264 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1280 12_FDD_FreqTblYM_Hz_u12p4[0][10] 1296 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1312 12_FDD_FreqTblYM_Hz_u12p4[1][0] 176 12_FDD_FreqTblYM_Hz_u12p4[1][1] 192 12_FDD_FreqTblYM_Hz_u12p4[1][2] 208		
12_FDD_FreqTblYM_Hz_u12p4[0][6] 1232 12_FDD_FreqTblYM_Hz_u12p4[0][7] 1248 12_FDD_FreqTblYM_Hz_u12p4[0][8] 1264 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1280 12_FDD_FreqTblYM_Hz_u12p4[0][10] 1296 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1312 12_FDD_FreqTblYM_Hz_u12p4[1][0] 176 12_FDD_FreqTblYM_Hz_u12p4[1][1] 192 12_FDD_FreqTblYM_Hz_u12p4[1][2] 208		
12_FDD_FreqTblYM_Hz_u12p4[0][7]		
12_FDD_FreqTblYM_Hz_u12p4[0][8] 1264 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1280 12_FDD_FreqTblYM_Hz_u12p4[0][10] 1296 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1312 12_FDD_FreqTblYM_Hz_u12p4[1][0] 176 12_FDD_FreqTblYM_Hz_u12p4[1][1] 192 12_FDD_FreqTblYM_Hz_u12p4[1][2] 208		
12_FDD_FreqTblYM_Hz_u12p4[0][9] 1280 12_FDD_FreqTblYM_Hz_u12p4[0][10] 1296 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1312 12_FDD_FreqTblYM_Hz_u12p4[1][0] 176 12_FDD_FreqTblYM_Hz_u12p4[1][1] 192 12_FDD_FreqTblYM_Hz_u12p4[1][2] 208		
12_FDD_FreqTblYM_Hz_u12p4[0][10] 1296 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1312 12_FDD_FreqTblYM_Hz_u12p4[1][0] 176 12_FDD_FreqTblYM_Hz_u12p4[1][1] 192 12_FDD_FreqTblYM_Hz_u12p4[1][2] 208		
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][0]		
t2_FDD_FreqTblYM_Hz_u12p4[1][1] 192 t2_FDD_FreqTblYM_Hz_u12p4[1][2] 208		
t2_FDD_FreqTblYM_Hz_u12p4[1][2] 208		
, ,		
t2 FDD FrenThIYM Hz u12n4[1][3] 224		
re_i pp_i redistrim_i re_eirshaf illed	t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	224

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Namo	Innut Value	
Name 2 FDD FreqTbIYM Hz u12p4[1][4]	Input Value	
.z_FDD_FreqTbIYM_Hz_u12p4[1][4] :2_FDD_FreqTbIYM_Hz_u12p4[1][5]	240 256	
z_FDD_FreqTbiYM_Hz_u12p4[1][6]	272	
2_FDD_FreqTblYM_Hz_u12p4[1][0] 2_FDD_FreqTblYM_Hz_u12p4[1][7]	288	
2_FDD_FreqTblYM_Hz_u12p4[1][7] 2_FDD_FreqTblYM_Hz_u12p4[1][8]	304	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	320	
2_FDD_FreqTblYM_Hz_u12p4[1][8] 2_FDD_FreqTblYM_Hz_u12p4[1][10]	336	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	352	
_CmnVehSpd_Kph_u9p7[0]	3968	
_CmnVehSpd_Kph_u9p7[1]	4096	
_CmnVehSpd_Kph_u9p7[2]	4224	
_CmnVehSpd_Kph_u9p7[3]	4352	
_CmnVehSpd_Kph_u9p7[4]	4480	
_CmnVehSpd_Kph_u9p7[5]	4608	
_CmnVehSpd_Kph_u9p7[6]	4736	
_CmnVehSpd_Kph_u9p7[7]	4864	
_CmnVehSpd_Kph_u9p7[8]	4992	
_CmnVehSpd_Kph_u9p7[9]	5120	
_CmnVehSpd_Kph_u9p7[10]	5248	
_CmnVehSpd_Kph_u9p7[11]	5376	
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	20960	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	20992	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	21024	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	21056	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	21088	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	21120	
_DmpDecelGainSlewY_UlspS_u13p3[0]	384	
_DmpDecelGainSlewY_UlspS_u13p3[1]	392	
_DmpDecelGainSlewY_UlspS_u13p3[2]	400	
_DmpDecelGainSlewY_UlspS_u13p3[3]	408	
_DmpDecelGainSlewY_UlspS_u13p3[4]	416	
_DmpDecelGainSlewY_UlspS_u13p3[5]	424	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	342	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1008	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1040	
FDD_AttenTblY_Uls_u8p8[0]	106	
FDD_AttenTblY_Uls_u8p8[1]	109	
FDD_BlendTblY_Uls_u8p8[0]	93	
FDD_BlendTblY_Uls_u8p8[1]	96	
FDD_BlendTblY_Uls_u8p8[2]	99	
FDD_BlendTblY_Uls_u8p8[3]	101	
FDD_BlendTblY_Uls_u8p8[4]	104	
FDD_BlendTblY_Uls_u8p8[5]	106	
_FDD_BlendTblY_Uls_u8p8[6]	109	
_FDD_BlendTblY_Uls_u8p8[7]	111	
_FDD_BlendTblY_Uls_u8p8[8]	114	
_FDD_BlendTblY_Uls_u8p8[9]	116	
_FDD_BlendTblY_Uls_u8p8[10]	119	
o.o_aopo[10]	1.10	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	294		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	307		
_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]	8192		
t RIAstWIRBIndTblY Uls u2p14[1]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	14746		
t WirbindTbiX MtrNm u8p8[0]	922		
	947		
t_WIRBIndTbIX_MtrNm_u8p8[1]			
t_WIRBIndTbIX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTblX_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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssist			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotor\			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_I tgt_FrqDepDmpnInrtCmp_Per1_\	/ehicleSpeed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAi	mpBl tgt_FrqDepDmpnInrtCmp_Per1_\	VIRCmdAmpBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Resu
PreDecelGain Uls M f32	126403 406	126403 41 + 0 0625	

3	3- 1 1 1 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	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 ErgDenDmonlortCmp Per1 ErgDenDmonlortCmp MtrNm f32 value	0	0 + 0 00048828125	✓



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

Test Step 3.13 (Repeat Count = 1)	✓
Name	Input Value
PreDecelGain_Uls_M_f32	126506.985
Prev1PreAttnComp_MtrNm_M_f32	6.6
Prev1ScIDrvVel 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
k_InrtCmp_MtrInertia_KgmSq_f32	0.0001
	0.8
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 12 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	1608 2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455 2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	4148
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4972
	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	3493
	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	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]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224 240
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	256
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	272
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	288
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	304
t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	320
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	336
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	352
t2_FDD_FreqTb\YM_Hz_u12p4[1][0]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	512
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	560	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	576	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	592	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	608	
2 FDD FregTblYM Hz u12p4[1][8]	624	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	640	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	656	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	672	
	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
	768	
_CmnVehSpd_Kph_u9p7[5]		
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
_CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
_CmnVehSpd_Kph_u9p7[10]	1408	
_CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	8602	
_DmpADDCoefX_MtrNm_u4p12[1]	9011	
_DmpADDCoefX_MtrNm_u4p12[2]	9421	
_DmpADDCoefX_MtrNm_u4p12[3]	9830	
_DmpADDCoefX_MtrNm_u4p12[4]	10240	
_DmpADDCoefX_MtrNm_u4p12[5]	10650	
_DmpADDCoefX_MtrNm_u4p12[6]	11059	
_DmpADDCoefX_MtrNm_u4p12[7]	11469	
DmpADDCoefX_MtrNm_u4p12[8]	11878	
DmpADDCoefX_MtrNm_u4p12[9]	12288	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	25216	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	25248	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	25280	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	25312	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	25344	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	25376	
_DmpDecelGainGlewY_UlspS_u13p3[0]	448	
_DmpDecelGainSlewY_UlspS_u13p3[1]	456	
DmpDecelGainSlewY UlspS u13p3[2]	464	
	472	
_DmpDecelGainSlewY_UlspS_u13p3[3]		
_DmpDecelGainSlewY_UlspS_u13p3[4]	480	
_DmpDecelGainSlewY_UlspS_u13p3[5]	488	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1088	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1120	
FDD_AttenTblY_Uls_u8p8[0]	129	
FDD_AttenTblY_Uls_u8p8[1]	131	
	116	
FDD_BlendTblY_Uls_u8p8[0] EDD_BlendTblY_Uls_u8p8[1]		
FDD_BlendTblY_Uls_u8p8[1]	118	
_FDD_BlendTblY_Uls_u8p8[2]	121	
_FDD_BlendTbIY_Uls_u8p8[3]	123	
_FDD_BlendTbIY_Uls_u8p8[4]	126	
_FDD_BlendTbIY_Uls_u8p8[5]	129	
FDD_BlendTblY_Uls_u8p8[6]	131	
_FDD_BlendTblY_Uls_u8p8[7]	134	
FDD_BlendTblY_Uls_u8p8[8]	136	
FDD_BlendTblY_Uls_u8p8[9]	139	
FDD_BlendTblY_Uls_u8p8[10]	141	
	1	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
: InrtCmp ScaleFactorTblY Uls u9p7[1]	230		
InrtCmp ScaleFactorTblY Uls u9p7[2]	243		
InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
InrtCmp ScaleFactorTblY Uls u9p7[4]	269		
InrtCmp ScaleFactorTblY Uls u9p7[5]	282		
InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320		
InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346		
InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358		
InrtCmp TBarVel ScaleFactorTblY UIs u9p7[0]	46		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	47		
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	50		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52		
_inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	56		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	58		
_inrtCmp_TBarVel_ScaleFactorTbiY_Uis_u9p7[10]	59		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	60		
RIAstWIRBIndTbIY UIs u2p14[0]	1638		
_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915		
_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554		
_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192		
_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
WIRBIndTblX MtrNm u8p8[1]	1203		
_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.8		
gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-400.2		
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-3.8		
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	33.05		
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	160.01		
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	3.3		
gt_rigbeponipililitenip_retr_vvirenibAnipblilid_vvitivili_idz.value gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC		Cmd MtrNm f32	
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_F			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA		_	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm			
устке_пьс_хр_п прерыприштетр. прерыприштетр_г е г_wittemaxiii Name	Actual Value	Expected Value	Post
		•	Resu
PreDecelGain_Uls_M_f32	126505.188	126505.1849 ± 0.0625	

	7 32 4 7 7 7 2		
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	✓
tot FrgDenDmpnInrtCmp Per1 FrgDenDmpnInrtCmp MtrNm f32 value	0	0 + 0 00048828125	✓



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

Test Step 3.14 (Repeat Count = 1) Name Input Value	
Name Input Value	
PreDecelGain_Uls_M_f32 126608.96	
Prev1PreAttnComp_MtrNm_M_f32 -6.6	
Prev1SclDrvVel_RadpS_M_f32 -33.05	
Prev2PreAttnComp_MtrNm_M_f32 -7.5	
Prev2SclDrvVel_RadpS_M_f32 -922.3	
PrevTbarAng_HwDeg_M_f32 1.16	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	
TbarVelFiltSv_M_str.SV_Uls_f32 -3.5	
TbarVelFiltSv_M_str.K_Uls_f32 0.03692	
k_CmnSysKinRatio_MtrDegpHwDeg_f32 33.15	
k_CmnTbarStiff_NmpDeg_f32 3.5	
k_DmpDecelGainFSlew_UlspS_f32 1000.05	
k_DmpDecelGain_Uls_f32 1.5	
k_DmpGainOffThresh_KphpS_f32 48.2	
k_DmpGainOnThresh_KphpS_f32 47.6	
k_InrtCmp_MtrInertia_KgmSq_f32 0.00011	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 0.99	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0] 1789	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] 2130	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] 2471	
12 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	
12 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8] 4515	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][9] 4856	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 161	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 328	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 494	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 661	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 827	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 994	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326	
' ' '	
t2_FDD_FreqTblYM_Hz_u12p4[0][3] 544	
t2_FDD_FreqTblYM_Hz_u12p4[0][4] 560	
t2_FDD_FreqTblYM_Hz_u12p4[0][5] 576	
t2_FDD_FreqTblYM_Hz_u12p4[0][6] 592	
t2_FDD_FreqTblYM_Hz_u12p4[0][7] 608	
t2_FDD_FreqTblYM_Hz_u12p4[0][8] 624	
t2_FDD_FreqTblYM_Hz_u12p4[0][9] 640	
t2_FDD_FreqTblYM_Hz_u12p4[0][10] 656	
t2_FDD_FreqTblYM_Hz_u12p4[0][11] 672	
t2_FDD_FreqTbIYM_Hz_u12p4[1][0] 64	
t2_FDD_FreqTblYM_Hz_u12p4[1][1] 80	
t2_FDD_FreqTblYM_Hz_u12p4[1][2] 96	
t2_FDD_FreqTblYM_Hz_u12p4[1][3] 112	

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

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	70		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	72		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	76		
t RIAstWIRBIndTbIY 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 WIRBIndTblX MtrNm u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t WIRBIndTbiX MtrNm u8p8[3]	1510		
t WIRBIndTbiX MtrNm u8p8[4]	1536		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	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 FrgDepDmpnInrtCmp 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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC		1 BaseAssistCmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_F			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm		1_WIRCmdAmpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	126606 961	126606 9599 + 0 0625	Result

3	3- 1 1 1 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	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	•
tot FroDenDmnnInrtCmn Per1 FroDenDmnnInrtCmn MtrNm f32 value	8 80000019	8 8 + 0 00048828125	V



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

Name	T+ 0(0.45 (D+ 0+ -4)	
Probestion	Test Step 3.15 (Repeat Count = 1)	V
Piers/ Brakmicomp_ Mithim_M_152		
Piert SciOn/Yell, RadpS, M, S2 18.03 PrevZeRothComp, MtNm, M, 122 7.5 PrevZeRothComp, MtNm, M, 192 28.5 PrevZeRothVVel, RadpS, M, 192 9.52 PrevTraking, HvDoe, M, 192 0.92 Ric Jast, Ap, FrigDepDmpnintCmp by Ret. Inst. Ap, FrigDepDmpnintCmp TavArierHis V, M, str. KU, Is, 192 0.01288 k, CmnSyskinRaio, MtDepde, 192 44.51 k, CmnSyskinRaio, MtDepde, 192 45. k, DmpDecelGain, Us, 192 1100.02 k, DmpDecelGain, Us, 192 42. k, DmpDecelGain, Us, 192 42. k, DmpCainOrThresh, Krphs, 192 42. k, Infromp, MtVel, ScaleFactor, Uls, 192 0.6 k, Infromp, MtVel, ScaleFactor, Uls, 192 0.6 2, FDD, ADDRoiling TbYM, MtNmpRadps, umpt 17(0)[0] 161 2, FDD, ADDRoiling TbYM, MtNmpRadps, umpt 17(0)[1] 328 2, FDD, ADDRoiling TbYM, MtNmpRadps, umpt 17(0)[4] 827 2, FDD, ADDRoiling TbYM, MtNmpRadps, umpt 17(0)[6] 94 2, FDD, ADDRoiling TbYM, MtNmpRadps, umpt 17(0)[6] 94 2, FDD, ADDRoiling TbYM, MtNmpRadps, umpt 17(0)[6] 94 2, FDD, ADDRo		
Prev2ScID/vel_RabS_M_IS2	. – – –	
PrevStorAng, HANDE, M. 122 28.5 PrevTotarAng, HANDE, M. 132 92 TbarVarFillSV, M. Str. SV, US, 132 5.2 TbarVarFillSV, M. Str. SV, US, 132 0.01288 K, CmnStysKinRatio, MtrDegpHwDeg, 132 44.51 K, CmnTbarSill*, MmDeg, 132 45.5 K, DmpDecelGan, US, 132 110.02 K, DmpDecelGan, US, 152 19 K, DmpDecelGan, US, 152 4.2 K, DmpDecelGan, US, 152 0.00012 K, InntCmp, Mtrhertia, KgmSq, 128 0.00012 K, InntCmp, Mtrhertia, KgmSq, 128 0.00012 K, InntCmp, Mtrhertia, KgmSq, 128 0.6 L, Pop, DaDoRollingTbVM, MtrhmpRadpS, umpt pt p		
PrevTbarAng_HwDeg_M_IS2	Prev2PreAttnComp_MtrNm_M_f32	
ReL_Inst_Ap_FrqDepDmpnInrtCmp	Prev2ScIDrvVel_RadpS_M_f32	28.5
TDan/eFillSy_M_str.K_Uis_72	PrevTbarAng_HwDeg_M_f32	-0.92
TabarVelFillsV_M_str.K_Uis_132 44.51	Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
k. CmnSyskinRatio_MtrDegpHwDeg_f32 4.5 k. CmnTbarStiff_NmpDeg_f32 4.5 k. DmpDeeclGain_Slew_Ulsp5_f32 110 0.02 k. DmpDeeclGain_Uls_f32 4.2 k. DmpGainOrfThresh_Khpb_f32 4.2 k. DmpGainOrfThresh_Khpb_f32 0.00012 k. InntCmp_Mtrlnertia_KigmSc_f32 0.00012 k. InntCmp_Mtrlnertia_KigmSc_f32 0.6 k2_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(0)[0] 161 12_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(0)[0] 494 12_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(0)[3] 661 12_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(0)[4] 827 12_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(0)[4] 827 12_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(0)[4] 183 12_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(0)[6] 1160 12_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(0)[8] 1493 12_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(0)[8] 1493 12_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(1)[8] 1493 12_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(1)[8] 1669 12_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(1)[8] 1964 12_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17(1)[8]	TbarVelFiltSv_M_str.SV_Uls_f32	5.2
k, CmnTbarStiff_NmpDeg_[32 4.5 k, DmpDecelGainFSlew_UlspS_f32 1100.02 k, DmpDecelGainFSlew_UlspS_f32 1.9 k, DmpDecalGainUs_f32 4.2 k, DmpGainOrThresh_KphpS_f32 4.2 k, DmpGainOrThresh_KphpS_f32 0.00012 k_Indromp_Mirrheritia_KgmSt_f32 0.00012 k_Indromp_Mirrheritia_KgmSt_f32 0.6 k_Indromp_Mirrheritia_KgmSt_f32 0.6 k_Indromp_Mirrheritia_KgmSt_f32 0.6 k_Indromp_Mirrheritia_KgmSt_f32 0.6 k_Indromp_Mirrheritia_KgmSt_f32 0.6 L2_FDD_ADDRollingTbirM_MirrhmpRadpS_um1p17[0][1] 328 L2_FDD_ADDRollingTbirM_MirrhmpRadpS_um1p17[0][2] 494 L2_FDD_ADDRollingTbirM_MirrhmpRadpS_um1p17[0][3] 861 L2_FDD_ADDRollingTbirM_MirrhmpRadpS_um1p17[0][6] 1160 L2_FDD_ADDRollingTbirM_MirrhmpRadpS_um1p17[0][7] 1326 L2_FDD_ADDRollingTbirM_MirrhmpRadpS_um1p17[0][8] 1493 L2_FDD_ADDRollingTbirM_MirrhmpRadpS_um1p17[1][9] 342 L2_FDD_ADDRollingTbirM_MirrhmpRadpS_um1p17[1][1] 683 L2_FDD_ADDRollingTbirM_MirrhmpRadpS_um1p17[1][8] 336 L2_FDD_AD	TbarVelFiltSv_M_str.K_Uls_f32	0.01258
k_DmpDecelGainFSlew_UlspS_132 1100.02 k_DmpBainOffTresh_KphpS_152 4.2 k_DmpGainOffTresh_KphpS_132 30.2 k_InnCmp_Mtrineria_KgmSq_132 0.00012 k_InnCmp_Mtrineria_KgmSq_132 0.6 k_InnCmp_Mtrineria_KgmSq_132	k_CmnSysKinRatio_MtrDegpHwDeg_f32	44.51
k_ DmpDecelGain_Uls_f32 1.9 k_ DmpGainOffTriesh_KphpS_f32 4.2 k_ DmpGainOffTriesh_KphpS_f32 30.2 k_ InrCmp_Mtrivetia_KgmSq_f32 0.00012 k_ InrCmp_Mtrivet_ScaleFactor_Uls_f32 0.6 12 FDD_ADDRollingTbiYM_MtrNmpRadpS_umtp17(0)[1] 328 12 FDD_ADDRollingTbiYM_MtrNmpRadpS_umtp17(0)[2] 494 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(0)[4] 827 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(0)[6] 827 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(0)[6] 1160 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(0)[6] 1160 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(0)[7] 1326 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(0)[8] 1493 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(0)[8] 1493 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(1)[8] 342 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(1)[8] 342 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(1)[8] 342 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(1)[8] 368 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(1)[8] 384 12 FDD_ADDRollingTbiYM_MtrnmpRadpS_umtp17(1)[8] 294 1	k_CmnTbarStiff_NmpDeg_f32	4.5
k_DmpGainOffThresh_KphpS_f32 4.2 k_DmpGainOnThresh_KphpS_f32 30.2 k_InfCmp_Mitroetia_KgmpS_f32 0.00012 k_InfCmp_Mitroetia_KgmpS_f32 0.6 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][0] 161 2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][1] 328 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][3] 661 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][4] 827 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][6] 1160 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][6] 1160 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][8] 1493 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][9] 1659 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][9] 1659 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][1] 683 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][1] 683 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][8] 1364 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][8] 1364 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][6] 2387 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][8] 2046 12_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][8] 3068 <tr< td=""><td>k_DmpDecelGainFSlew_UlspS_f32</td><td>1100.02</td></tr<>	k_DmpDecelGainFSlew_UlspS_f32	1100.02
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t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(0)[4] 827 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(0)[5] 994 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(0)[6] 1160 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(0)[7] 1326 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(0)[8] 1493 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(0)[9] 1659 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[0] 342 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[1] 683 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[2] 1024 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[3] 1364 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[4] 1705 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[6] 2387 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[6] 2387 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[8] 3068 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[8] 3068 t2_FDD_FreqTb\YM_Hz_u12p4(0)[0] 1392 t2_FDD_FreqTb\YM_Hz_u12p4(0)[1] 1408 t2_FDD_FreqTb\YM_Hz_u12p4(0)[1] 1424 t2_FDD_FreqTb\YM_Hz_u12p4(0)[3] 1440 t2_FDD_FreqTb\YM_Hz_u12p4(0)[4] 1456		661
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[6] 994 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[6] 1160 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[7] 1326 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[8] 1493 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[9] 1659 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[0] 342 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[1] 683 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[2] 1024 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[4] 1705 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 2387 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 2387 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 2387 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 2387 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 2387 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 3408 12_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 12_FDD_FreqTblYM_Hz_u12p4[0][0] 1408 12_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 12_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 12_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		827
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][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][8] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		994
t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[0][7] 1326 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[0][8] 1493 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[0][9] 1659 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][0] 342 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][1] 683 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][2] 1024 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][3] 1364 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][4] 1705 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][6] 2387 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][6] 2387 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTb!YM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTb!YM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTb!YM_Hz_u12p4[0][1] 1424 t2_FDD_FreqTb!YM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTb!YM_Hz_u12p4[0][4] 1456		1160
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][6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_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][6] 2046 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 342 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 683 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1024 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 1364 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 1705 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 2046 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 683 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1024 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 1364 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 1705 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 2046 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1024 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 1364 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 1705 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 2046 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 1364 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 1705 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 2046 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 1705 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 2046 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 2046 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1392 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1408 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1424 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1440 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1456		
t2_FDD_Freq1blYM_Hz_u12p4[0][5] 14/2		
t2_FDD_FreqTblYM_Hz_u12p4[0][6] 1488		
t2_FDD_FreqTblYM_Hz_u12p4[0][7] 1504		
t2_FDD_FreqTblYM_Hz_u12p4[0][8] 1520		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]		
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][3]	128

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	240	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	256	
_CmnVehSpd_Kph_u9p7[0]	6784	
_CmnVehSpd_Kph_u9p7[1]	6912	
_CmnVehSpd_Kph_u9p7[2]	7040	
CmnVehSpd_Kph_u9p7[3]	7168	
_CmnVehSpd_Kph_u9p7[4]	7296	
_CmnVehSpd_Kph_u9p7[5]	7424	
_CmnVehSpd_Kph_u9p7[6]	7552	
_CmnVehSpd_Kph_u9p7[7]	7680	
_CmnVehSpd_Kph_u9p7[8]	7808	
	7936	
_CmnVehSpd_Kph_u9p7[9]	8064	
_CmnVehSpd_Kph_u9p7[10]		
CmnVehSpd_Kph_u9p7[11]	8192	
DmpADDCoefX_MtrNm_u4p12[0]	8602	
_DmpADDCoefX_MtrNm_u4p12[1]	9011	
_DmpADDCoefX_MtrNm_u4p12[2]	9421	
_DmpADDCoefX_MtrNm_u4p12[3]	9830	
_DmpADDCoefX_MtrNm_u4p12[4]	10240	
_DmpADDCoefX_MtrNm_u4p12[5]	10650	
_DmpADDCoefX_MtrNm_u4p12[6]	11059	
_DmpADDCoefX_MtrNm_u4p12[7]	11469	
_DmpADDCoefX_MtrNm_u4p12[8]	11878	
_DmpADDCoefX_MtrNm_u4p12[9]	12288	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3776	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3808	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3840	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3872	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3904	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3936	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1536	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1544	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1552	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1560	
	1568	
_DmpDecelGainSlewY_UlspS_u13p3[4]		
_DmpDecelGainSlewY_UlspS_u13p3[5]	1576	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1232	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1280	
FDD_AttenTblY_Uls_u8p8[0]	183	
FDD_AttenTblY_Uls_u8p8[1]	185	
FDD_BlendTbIY_Uls_u8p8[0]	172	
FDD_BlendTblY_Uls_u8p8[1]	174	
FDD_BlendTblY_Uls_u8p8[2]	176	
FDD_BlendTblY_Uls_u8p8[3]	178	
FDD_BlendTblY_Uls_u8p8[4]	180	
FDD_BlendTblY_Uls_u8p8[5]	183	
_FDD_BlendTbIY_Uls_u8p8[6]	185	
FDD_BlendTblY_Uls_u8p8[7]	187	
_FDD_BlendTblY_Uls_u8p8[8]	189	
_FDD_BlendTblY_Uls_u8p8[9]	191	
_FDD_BlendTblY_Uls_u8p8[10]	193	
	195	

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7.45.5p.5p			
Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_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]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	8192		
t_RiAstWIRBindTbiY_Uis_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t WIRBIndTblX 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_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	1 - 1 - 1 - 1		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmpnIr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_vehicleLonAcc		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_ve1ideSpeed_ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Pe11_WIRCmdAmpE			
		<u> </u>	Desir
Name	Actual Value	Expected Value	Resul
PreDecelGain_Uls_M_f32	126710.938	126710.935 ± 0.0625	'

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	•
tot FrgDenDmpnInrtCmp Per1 FrgDenDmpnInrtCmp MtrNm f32 value	0	0 + 0 00048828125	✓



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

Test Step 3.16 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126812.91
Prev1PreAttnComp_MtrNm_M_f32	-7.7
Prev1ScIDrvVel_RadpS_M_f32	-28.5
Prev2PreAttnComp_MtrNm_M_f32	-6.5
Prev2ScIDrvVel_RadpS_M_f32	-297.3
PrevTbarAng_HwDeg_M_f32	1.145
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.2
TbarVelFiltSv_M_str.K_Uls_f32	0.03257
k_CmnSysKinRatio_MtrDegpHwDeg_f32	55.12
k_CmnTbarStiff_NmpDeg_f32	5.5
k_DmpDecelGainFSlew_UlspS_f32	1200.05
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	8.2
k_DmpGainOnThresh_KphpS_f32	35.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00013
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496 512
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	528
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	576
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	608
t2_FDD_FreqTbIYM_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]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144

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Name	Input Value
2_FDD_FreqTblYM_Hz_u12p4[1][4]	160
2_FDD_FreqTblYM_Hz_u12p4[1][5]	176
2_FDD_FreqTblYM_Hz_u12p4[1][6]	192
2_FDD_FreqTblYM_Hz_u12p4[1][7]	208
2_FDD_FreqTblYM_Hz_u12p4[1][8]	224
2_FDD_FreqTblYM_Hz_u12p4[1][9]	240
2_FDD_FreqTblYM_Hz_u12p4[1][10]	256
2_FDD_FreqTblYM_Hz_u12p4[1][11]	272
_CmnVehSpd_Kph_u9p7[0]	128
_CmnVehSpd_Kph_u9p7[1]	256
: CmnVehSpd Kph u9p7[2]	384
: CmnVehSpd Kph u9p7[3]	512
_CmnVehSpd_Kph_u9p7[4]	640
	768
_CmnVehSpd_Kph_u9p7[5]	
:_CmnVehSpd_Kph_u9p7[6]	896
_CmnVehSpd_Kph_u9p7[7]	1024
_CmnVehSpd_Kph_u9p7[8]	1152
_CmnVehSpd_Kph_u9p7[9]	1280
_CmnVehSpd_Kph_u9p7[10]	1408
_CmnVehSpd_Kph_u9p7[11]	1536
_DmpADDCoefX_MtrNm_u4p12[0]	12698
_DmpADDCoefX_MtrNm_u4p12[1]	13107
_DmpADDCoefX_MtrNm_u4p12[2]	13517
_DmpADDCoefX_MtrNm_u4p12[3]	13926
_DmpADDCoefX_MtrNm_u4p12[4]	14336
_DmpADDCoefX_MtrNm_u4p12[5]	14746
_DmpADDCoefX_MtrNm_u4p12[6]	15155
_DmpADDCoefX_MtrNm_u4p12[7]	15565
_DmpADDCoefX_MtrNm_u4p12[8]	15974
_DmpADDCoefX_MtrNm_u4p12[9]	16384
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5280
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5312
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5344
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5376
	5408
	5440
	1480
:_DmpDecelGainSlewY_UlspS_u13p3[1]	1488
:_DmpDecelGainSlewY_UlspS_u13p3[2]	1496
DmpDecelGainSlewY UlspS u13p3[3]	1504
	1512
:_DmpDecelGainSlewY_UlspS_u13p3[4]	
:_DmpDecelGainSlewY_UlspS_u13p3[5]	1520
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	1359
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	1653
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1946
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2093
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	2387
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1296
_FDD_AttenTblX_MtrRadpS_u12p4[1]	1360
_FDD_AttenTblY_Uls_u8p8[0]	230
_FDD_AttenTblY_Uls_u8p8[1]	232
_FDD_BlendTblY_Uls_u8p8[0]	218
_FDD_BlendTblY_Uls_u8p8[1]	220
_FDD_BlendTblY_Uls_u8p8[2]	223
	225
_FDD_BlendTblY_Uls_u8p8[3]	
_FDD_BlendTblY_Uls_u8p8[4]	227
_FDD_BlendTblY_Uls_u8p8[5]	230
_FDD_BlendTblY_Uls_u8p8[6]	232
_FDD_BlendTblY_Uls_u8p8[7]	234
_FDD_BlendTblY_Uls_u8p8[8]	237
_FDD_BlendTblY_Uls_u8p8[9]	239
_FDD_BlendTblY_Uls_u8p8[10]	241

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7.1q5-q5-mp.m.r.cmp			
Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	106		
t RIAstWIRBIndTblY Uls u2p14[0]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
t_WIRBIndTbiX_MtrNm_u8p8[0]	1894		
t WIRBIndTblX 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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	1 - 1 - 1		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmpnIr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwYorque_Hw tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_		- · -	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE			
Name	Actual Value	Expected Value	Resul
PreDecelGain_Uls_M_f32	126812.906	126812.91 ± 0.0625	'

3	3-11-1-1		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126812.906	126812.91 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	267220.719	267220.7121 ± 0.9	•
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	•
tot FroDenDmonInrtCmp Per1 FroDenDmonInrtCmp MtrNm f32 value	8 80000019	8 8 + 0 00048828125	-



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

Input Value	T+ 04 0.47 (D+ 0+ -4)	
Prev	Test Step 3.17 (Repeat Count = 1)	▼
PrevIPreAtInComp_MtrNm_M_152		
PrevSciDrVel_RadpS_M_f32 24.6 PrevSciDrVel_RadpS_M_f32 382.2 PrevSciDrVel_RadpS_M_f32 382.2 PrevTbacking_HvDeg_M_f32 4.979 Rte_Inst_Ap_EngbephinntCmp tig_Rte_Inst_Ap_EngbephinntCmp TbarVerFilkSW_M_strS_V_UIs_f32 4.3 CharterFilkSW_M_strS_V_UIs_f32 0.096321 K_CmnSpxKinRatio_MtrDeghtWbeg_f32 6.5 K_CmnSpxKinRatio_MtrDeghtWbeg_f32 6.5 K_DmpDecalGain Filew_UispS_f32 1300.06 K_DmpDecalGain Filew_UispS_f32 12.2 K_DmpGainOrfThresh_KphpS_f32 40.1 K_Inform_Mtriverials_KgmS_f32 40.1 K_Inform_Mtriverials_KgmS_f32 0.00014 K_Inform_Mtriverials_KgmS_f32 0.4 K_Inform_Mtriverials_KgmS_f32 0.4 K_Inform_Mtriverials_KgmS_f32 0.4 K_Inform_Mtriverials_KgmS_f32 0.4 K_Inform_Mtriverials_KgmS_f32 0.4 K_Inform_Mtriverials_KgmS_f42 0.1 K_Inform_Mtriverials_KgmS_f42 0.1 K_Inform_Mtriverials_KgmS_f42 0.4 Iz_FDD_ADDRollingTbYM_MtrivmpRadpS_um1p17[0][1] 683 <td></td> <td></td>		
Prev2ReiDrvVe Radps M, 732 38.2		
Prev12sclDrvVel_RadpS_M_R32 -0.979 Prev17barAng_HwDeg_M_R32 -0.979 ToarVelFillSV_M_Str. V_UIs_732 4.3 ToarVelFillSV_M_Str. V_UIs_732 4.3 ToarVelFillSV_M_Str. V_UIs_732 6.5 Compsylinatio_MirtCegPHwDeg_J32 6.5 Compsylinatio_MirtCegPHwDeg_J32 6.5 Compsylinatio_MirtCegPHwDeg_J32 6.5 CompDeceGain_Filew_UispS_732 6.5 CompDeceGain_Filew_UispS_732 6.5 CompDeceGain_Uis_732 7.5 CompGainOrThresh_KphpS_132 7.5 CompGainOrThresh		
PrevTbarAng_HwDeg_M_[32	Prev2PreAttnComp_MtrNm_M_f32	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	Prev2ScIDrvVel_RadpS_M_f32	
ToarVelFiltSv_M_str.K_Uls_132 0.096321	PrevTbarAng_HwDeg_M_f32	-0.979
ToarVelFillSv_M_str.K_Uls_ 32	Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
k_CmnSysKinRatio_MtrDeppHwDeg_f32 66.13 k_CmnDarStiff_NmpDeg_f32 6.5 k_DmpDecelGain_Slsw_UlspS_f32 1300.06 k_DmpDecelGain_Uls_f32 5.6 k_DmpGainOfThresh_KphpS_f32 12.2 k_DmpGainOfThresh_KphpS_f32 40.1 k_IntCmp_Mtrlentia_KgmSq_f32 0.00014 k_IntCmp_Mtrlentia_KgmSq_f32 0.4 2_FDD_ADDRollingTbtVM_Mtrlentia_KgmSq_f32 0.4 2_FDD_ADDRollingTbtVM_Mtrlentia_KgmSq_f32 0.1016 2_FDD_ADDRollingTbtVM_Mtrlentia_KgmSq_f32 0.1016 2_FDD_ADDRollingTbtVM_Mtrlentia_KgmSq_f32 0.1017 2_FDD_ADDRollingTbtVM_Mtrlentia_KgmSq_f32 0.1017 2_FDD_ADDRollingTbtVM_Mtrlentia_KgmSq_f32	TbarVelFiltSv_M_str.SV_Uls_f32	4.3
k, CmnTbarStiff_NmpDeg_f32 6.5 k, DmpDecelGainFSlew_UlspS_f32 1300.06 k, DmpDecelGainFSlew_UlspS_f32 5.6 k, DmpGainOrThresh_KphpS_f32 12.2 k_DmpGainOrThresh_KphpS_f32 40.1 k_InrtCmp_Mtrlnetfa_KgmSq_f32 0.00014 k_InrtCmp_Mtrlnetfa_KgmSq_f32 0.00014 k_InrtCmp_Mtrlnetfa_KgmSq_f32 0.4 k_InrtCmp_Mtrlnetfa_KgmSq_f32 0.4 k_InrtCmp_Mtrlnetfa_KgmSq_f32 0.4 k_InrtCmp_Mtrlnetfa_KgmSq_f32 0.4 t_PDD_ADDRollingTblYM_MtrlmpRadpS_um1p17[0][0] 342 t_PDD_ADDRollingTblYM_MtrlmpRadpS_um1p17[0][1] 683 t_PDD_ADDRollingTblYM_MtrlmpRadpS_um1p17[0][3] 1364 t_PDD_ADDRollingTblYM_MtrlmpRadpS_um1p17[0][4] 1705 t_PDD_ADDRollingTblYM_MtrlmpRadpS_um1p17[0][5] 2046 t_PDD_ADDRollingTblYM_MtrlmpRadpS_um1p17[0][6] 2387 t_PDD_ADDRollingTblYM_MtrlmpRadpS_um1p17[0][8] 3068 t_PDD_ADDRollingTblYM_MtrlmpRadpS_um1p17[0][8] 3068 t_PDD_ADDRollingTblYM_MtrlmpRadpS_um1p17[1][1] 328 t_PDD_ADDRollingTblYM_MtrlmpRadpS_um1p17[1][1] 328 t_PDD_ADDR	TbarVelFiltSv_M_str.K_Uls_f32	0.096321
k_DmpDecelGain_Ulsy_f32 1300.06 k_DmpDecelGain_Uls_f32 5.6 k_DmpGainOrfThresh_KphpS_f32 12.2 k_DmpGainOrfThresh_KphpS_f32 40.1 k_IntCmp_MtrInertia_KgmSq_f32 0.00014 k_IntCmp_MtrVel_ScaleFactor_Uls_f32 0.4 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)[4] 1705 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[5] 2046 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[9] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[9] 3409 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[9] 349 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[4] 328 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[4] 827 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[4] 827 t2_FDD_ADDRollingTblYM	k_CmnSysKinRatio_MtrDegpHwDeg_f32	66.13
k_DmpDecelGain_Uls_32 5.6 k_DmpGainOffThresh_KphpS_f32 12.2 k_DmpGainOnThresh_KphpS_f32 40.1 k_IntCmp_MtrInetia_KgmSq_f32 0.00014 k_IntCmp_MtrVel_ScaleFactor_Uls_f32 0.4 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[0][0] 342 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[0][1] 683 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[0][2] 1024 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[0][3] 1364 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[0][5] 2046 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[0][6] 2387 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[0][7] 2728 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[0][9] 3409 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[0][9] 3409 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[1][0] 161 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[1][1] 328 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[1][1] 328 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[1][3] 661 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[1][4] 827 l2_FDD_ADDRollingTbIYM_MtrMmpRadpS_um1p17[1][6] 1160 l2_FD	k_CmnTbarStiff_NmpDeg_f32	6.5
k_DmpGainOffThresh_KphpS_f32 12.2 k_DmpGainOnThresh_KphpS_f32 40.1 k_IntCmp_Mtrinetta_KgmSq_f32 0.00014 k_IntCmp_MtrVel_ScaleFactor_Uls_f32 0.4 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] 342 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] 683 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] 1024 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] 1364 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] 1705 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] 2046 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 2387 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 2728 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 3068 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 3409 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 161 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 161 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 661 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 827 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] </td <td>k_DmpDecelGainFSlew_UlspS_f32</td> <td>1300.06</td>	k_DmpDecelGainFSlew_UlspS_f32	1300.06
k_DmpGainOnThresh_KphpS_f32 40.1 k_IntCmp_Mtrinertia_KgmSq_f32 0.00014 k_IntCmp_MtrVel_ScaleFactor_Uls_f32 0.4 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_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][3] 1364 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][5] 2046 t2_FDD_ADDRollingTbiYM_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_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][6] 1160 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTbiYM_MtrNmpRa	k_DmpDecelGain_Uls_f32	5.6
k_InrtCmp_MtrInertia_KgmSq_f32 0.00014 k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 0.4 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[0][0] 342 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[0][1] 683 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[0][2] 1024 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[0][3] 1364 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[0][6] 2046 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[0][6] 2387 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[0][7] 2728 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[0][8] 3068 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[0][9] 3409 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][0] 161 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][1] 328 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][2] 494 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][3] 661 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][4] 827 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_A	k_DmpGainOffThresh_KphpS_f32	12.2
k_IntCmp_MtrVel_ScaleFactor_Uls_f32 0.4 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)[6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[8] 3409 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[9] 3409 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[1] 328 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[2] 494 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[4] 827 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[4] 827 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 1160	k_DmpGainOnThresh_KphpS_f32	40.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[0] 342 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[1] 683 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[2] 1024 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[3] 1364 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[4] 1705 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)[6] 2387 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)[6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[6] 1160	k_InrtCmp_MtrInertia_KgmSq_f32	0.00014
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
t2_FDD_ADDRolling TbIYM_MtrNmpRadpS_um1p17[0][2] 1024 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3] 1364 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4] 1705 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5] 2046 t2_FDD_ADDRollingTbIYM_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[0][9] 161 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1] 328 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][6] 1160 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] 1493	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2] 1024 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3] 1364 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4] 1705 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5] 2046 t2_FDD_ADDRollingTbIYM_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[0][9] 161 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][2] 494 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3] 661 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4] 827 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] 1493	t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	683
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][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][6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		1024
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][6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] 2046 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 3409 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 161 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 328 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 494 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 661 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 827 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 994 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 2387 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 3409 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 161 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 328 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 494 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 661 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 827 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 994 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 2728 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 3409 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 161 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 328 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 494 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 661 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 827 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 994 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 3068 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 3409 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 161 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 328 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 494 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 661 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 827 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 994 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 3409 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 161 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 328 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 494 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 661 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 827 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 994 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 161 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 328 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 494 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 661 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 827 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 994 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 328 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 494 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 661 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 827 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 994 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		
t2_FDD_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] 1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 661 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 827 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 994 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 827 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 994 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][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][6] 1160 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493		
12_FDD_ADDROIIIIg1bi1M_MithInpRadp5_uii1f17[1][9] 1659		
t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1136		
t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1152		
t2_FDD_FreqTblYM_Hz_u12p4[0][2] 1168		
t2_FDD_FreqTblYM_Hz_u12p4[0][3] 1184		
t2_FDD_FreqTblYM_Hz_u12p4[0][4] 1200		
t2_FDD_FreqTblYM_Hz_u12p4[0][5] 1216		
t2_FDD_FreqTblYM_Hz_u12p4[0][6] 1232		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]		
t2_FDD_FreqTblYM_Hz_u12p4[0][8] 1264		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] 1280		
t2_FDD_FreqTblYM_Hz_u12p4[0][10] 1296		
t2_FDD_FreqTblYM_Hz_u12p4[0][11] 1312		
t2_FDD_FreqTblYM_Hz_u12p4[1][0] 656		
t2_FDD_FreqTblYM_Hz_u12p4[1][1] 672		
t2_FDD_FreqTbIYM_Hz_u12p4[1][2] 688		
t2_FDD_FreqTblYM_Hz_u12p4[1][3] 704	t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704

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Name	Input Value
2_FDD_FreqTblYM_Hz_u12p4[1][4]	720
2_FDD_FreqTblYM_Hz_u12p4[1][5]	736
2_FDD_FreqTblYM_Hz_u12p4[1][6]	752
2_FDD_FreqTblYM_Hz_u12p4[1][7]	768
2_FDD_FreqTblYM_Hz_u12p4[1][8]	784
2_FDD_FreqTblYM_Hz_u12p4[1][9]	800
2_FDD_FreqTblYM_Hz_u12p4[1][10]	816
2_FDD_FreqTblYM_Hz_u12p4[1][11]	832
_CmnVehSpd_Kph_u9p7[0]	2560
_CmnVehSpd_Kph_u9p7[1]	3840
CmnVehSpd Kph u9p7[2]	5120
CmnVehSpd Kph u9p7[3]	6400
_CmnVehSpd_Kph_u9p7[4]	7680
	8960
_CmnVehSpd_Kph_u9p7[5]	
_CmnVehSpd_Kph_u9p7[6]	10240
_CmnVehSpd_Kph_u9p7[7]	11520
_CmnVehSpd_Kph_u9p7[8]	12800
_CmnVehSpd_Kph_u9p7[9]	14080
_CmnVehSpd_Kph_u9p7[10]	15360
CmnVehSpd_Kph_u9p7[11]	16640
_DmpADDCoefX_MtrNm_u4p12[0]	16794
_DmpADDCoefX_MtrNm_u4p12[1]	17203
_DmpADDCoefX_MtrNm_u4p12[2]	17613
_DmpADDCoefX_MtrNm_u4p12[3]	18022
_DmpADDCoefX_MtrNm_u4p12[4]	18432
_DmpADDCoefX_MtrNm_u4p12[5]	18842
_DmpADDCoefX_MtrNm_u4p12[6]	19251
_DmpADDCoefX_MtrNm_u4p12[7]	19661
_DmpADDCoefX_MtrNm_u4p12[8]	20070
_DmpADDCoefX_MtrNm_u4p12[9]	20480
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	11680
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	11712
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	11744
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	11776
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	11808
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	11840
_DmpDecelGainSlewY_UlspS_u13p3[0]	1608
_DmpDecelGainSlewY_UlspS_u13p3[1]	1616
_DmpDecelGainSlewY_UlspS_u13p3[2]	1624
_DmpDecelGainSlewY_UlspS_u13p3[3]	1632
	1640
_DmpDecelGainSlewY_UlspS_u13p3[4]	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1648
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	1246
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	1638
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3206
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3598
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3990
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4382
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774
FDD_AttenTblX_MtrRadpS_u12p4[0]	1344
FDD_AttenTblX_MtrRadpS_u12p4[1]	1440
FDD_AttenTblY_Uls_u8p8[0]	71
FDD_AttenTblY_Uls_u8p8[1]	74
FDD_BlendTblY_Uls_u8p8[0]	3
FDD_BlendTblY_Uls_u8p8[1]	5
FDD_BlendTblY_Uls_u8p8[2]	8
	10
_FDD_BlendTblY_Uls_u8p8[3]	
_FDD_BlendTblY_Uls_u8p8[4]	13
_FDD_BlendTblY_Uls_u8p8[5]	15
_FDD_BlendTblY_Uls_u8p8[6]	18
_FDD_BlendTblY_Uls_u8p8[7]	20
_FDD_BlendTblY_Uls_u8p8[8]	23
_FDD_BlendTblY_Uls_u8p8[9]	26
_FDD_BlendTblY_Uls_u8p8[10]	28

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	13		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	14		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	15		
t RIAstWIRBIndTbIY Uls u2p14[0]	8192		
t RIAstWIRBIndTbIY Uls u2p14[1]	9830		
t RIAstWIRBIndTbIY Uls u2p14[2]	11469		
t RIAstWIRBIndTbIY Uls u2p14[3]	13107		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	14746		
t WIRBIndTbIX MtrNm u8p8[0]	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 FrgDepDmpnInrtCmp Per1 WIRCmdAmpBInd MtrNm f32.value	1.2		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmo			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB		- · -	
устко-постр. Просрония полира просрония полира с гатум колиданира Name	Actual Value		Resul
ITAING	Actual Value	Expected Value	Result

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	~
tot FraDenDmpnInrtCmp Per1 FraDenDmpnInrtCmp MtrNm f32 value	-8 80000019	-8.8 + 0.00048828125	✓





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

Name Input Value Proberolision Us, M. N. 32 15 (Proberolision Company Minton, M. 122 15 (Proberolision Company Minton, M. 122 15 (Proberolision Company Minton, M. 122 16 (Proberolision Company Minton, M. 122 45 (Proberolision Company Minton, M. 122 45 (Proberolision Company Minton, M. 122 25 (Proberolision Company Minton, M. 122 0.989 Probesticion Company Minton, M. 122 0.97852 N. 122 0.97852 N. 122 N. 122 0.97852 N. 122	T+ 04 0.40 (D+ 0+ 4)	
Piebber Barton Markin M. 192 1.5	Test Step 3.18 (Repeat Count = 1)	*
Piew IPW-SID-MVR Badds M. 192		
Piers Stankovie, Radjo M, 152 Piers Zhenkovie, Radjo M, 152 Re, Inst. Ap. Fologopropint Cmp Ust. Re, Inst.		
PiewZPeAthComp Mith/m M, M, 32	·	
PrevZBEROVEI RadpS M 522 0.989 Rie_Inst.Ap_FropeDimprintCmp		
PevDatAng, 1-Modg, M. (32) Rel. inst. Ap. FrqDepDmpnintCmp tg. Rie. Inst. Ap. FrqDepDmpnintCmp ts. Rie. Inst. Ap. Rie. In	Prev2PreAttnComp_MtrNm_M_f32	
Re Line J. A. FreQepCimpenintCmp	Prev2ScIDrvVel_RadpS_M_f32	-25.6
Thank/ellisty M, str. WJ, Us. 52 15 15 15 15 15 15 15	PrevTbarAng_HwDeg_M_f32	0.989
Than/VerFistor, M. Str. K. Uis., 132 0.047852 77.14 1.00	Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
K. Cmm2bysKinRatio_Mincept+Woeg_G2 7.14 K. Cmm2bes(Sill'NimpDeq_132 7.5 K. DmpDece(Sain) Us_192 1400.05 K. DmpDece(Sain) Us_192 16.5 K. DmpCanoffirest, KyphS_132 16.5 K. DmpCanoffirest, KyphS_132 45.2 K. Infromp_Mirvels_KyphS_132 0.00015 K. Infromp_Mirvels_KyphS_132 0.3 K. Infromp_Mirvels_Adels_College 0.3 Z. FDD_ADDRaling Tatr/M_MinhmpRadeS_um1p17(0)[0] 523 2. FDD_ADDRaling Tatr/M_MinhmpRadeS_um1p17(0)[1] 1038 2. FDD_ADDRaling Tatr/M_MinhmpRadeS_um1p17(0)[1] 1038 2. FDD_ADDRaling Tatr/M_MinhmpRadeS_um1p17(0)[1] 268 2. FDD_ADDRaling Tatr/M_MinhmpRadeS_um1p17(0)[1] 253 2. FDD_ADDRaling Tatr/M_MinhmpRadeS_um1p17(0)[1] 253 2. FDD_ADDRaling Tatr/M_MinhmpRadeS_um1p17(0)[1] 253 2. FDD_ADDRaling Tatr/M_MinhmpRadeS_um1p17(0)[1] 364 2. FDD_ADDRaling Tatr/M_MinhmpRadeS_um1p17(0)[1] 364 2. FDD_ADDRaling Tatr/M_MinhmpRadeS_um1p17(1)[1] 342 2. FDD_ADDRaling Tatr/M_MinhmpRadeS_um1p17(1)[1] 342 2. FDD_ADDRaling Tatr/M_MinhmpRadeS_um1p17(1)[1] 363<	TbarVelFiltSv_M_str.SV_Uls_f32	1.5
K, Cmmbesidif NimpDeg, 132 1,50 K, Dmpbesidsain Fisse, UlspS, 152 1,400.05 K, Dmpbesidsain, Us. 152 2,1 K, Dmpbesidsain, Us. 153 16.5 K, Dmpbesidsain, Us. 153 45.2 K, Innton, Mitriesti, KphpS, 132 45.2 K, Innton, Mitriesti, KphpS, 132 0.00015 K, Innton, D, Mitriesti, KphpS, 132 0.3 L, EDD, ADDRalling TbYM, MitrimpRadpS, um1p170[0] 523 L, EDD, ADDRalling TbYM, MitrimpRadpS, um1p170[1] 1038 L, EDD, ADDRalling TbYM, MitrimpRadpS, um1p170[1] 1553 L, EDD, ADDRalling TbYM, MitrimpRadpS, um1p170[1] 2583 L, EDD, ADDRalling TbYM, MitrimpRadpS, um1p170[1] 2583 L, EDD, ADDRalling TbYM, MitrimpRadpS, um1p170[1] 4129 L, EDD, ADDRalling TbYM, MitrimpRadpS, um1p170[1] 4129 L, EDD, ADDRalling TbYM, MitrimpRadpS, um1p171[1] 844 L, EDD, ADDRalling TbYM, MitrimpRadpS, um1p171[1] 842 L, EDD, ADDRalling TbYM, MitrimpRadpS, um1p171[1] 842 L, EDD, ADDRalling TbYM, MitrimpRadpS, um1p171[1] 83 L, EDD, ADDRalling TbYM, MitrimpRadpS, um1p171[1] 1024 L, EDD, ADDRalling TbYM, M	TbarVelFiltSv_M_str.K_Uls_f32	0.047852
	k_CmnSysKinRatio_MtrDegpHwDeg_f32	77.14
Laboration Lab	k_CmnTbarStiff_NmpDeg_f32	7.5
k. DmpGainOffThresh. KehpS. f22 16.5 k. DmpGainOffTresh. KehpS. f22 45.2 k. Infromp. Mirriers L. KehpS. f22 0.00015 k. Infromp. Mirriers L. KehpS. f22 0.3 2k. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[0][0] 523 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[0][1] 1038 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[0][2] 1553 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[0][3] 2068 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[0][4] 2583 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[0][6] 3614 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[0][7] 4129 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[0][8] 4644 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[0][8] 4644 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[1][1] 883 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[1][1] 883 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[1][1] 883 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[1][1] 1384 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[1][1] 1706 12. FDD. ADDRollingTbYM_MirrimPadapS. um1p17[1][1] 1706 12. FDD. ADDRollingTbYM_M	k_DmpDecelGainFSlew_UlspS_f32	1400.05
K_DmpGainOnThresh_KphpS_132 45.2 k_IntrCmp_Mitroetla_KgmSq_152 0.00015 k_IntrCmp_Mitroetla_ScaleFacto_Uls_152 0.3 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(0)[0] 523 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(0)[1] 1038 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(0)[2] 1553 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(0)[4] 2583 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(0)[6] 3894 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(0)[6] 3814 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(0)[6] 3814 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(0)[6] 4129 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(0)[6] 4844 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(0)[6] 342 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(1)[0] 342 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(1)[1] 683 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(1)[4] 1705 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(1)[4] 1705 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(1)[6] 2387 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17(1)[6] 2387 12_FDD_ADDRollingTbiYM_MitrompRadpS_um1p17	k_DmpDecelGain_Uls_f32	2.1
K_IntCmp_Mtrion_Mtrong_Mtrion_MtrinnpRadpS_um1p17(0)[0] 0.3 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(0)[0] 523 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(0)[2] 1553 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(0)[2] 1553 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(0)[3] 2668 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(0)[4] 2583 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(0)[6] 3614 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(0)[6] 3614 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(0)[7] 4129 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(0)[9] 5159 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(1)[9] 5159 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(1)[9] 342 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(1)[9] 342 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(1)[9] 342 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(1)[9] 1384 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(1)[9] 1384 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(1)[9] 246 12_FDD_ADDRollingTb1YM_MtrinnpRadpS_um1p17(1)[9] 349 12_FDD_ADRollingTb1YM_MtrinnpRadpS_um1p17(1)[9] 368	k_DmpGainOffThresh_KphpS_f32	16.5
k_InnCom_Mrtvel_ScaleFactor_Uis_132 0.3 12_FDD_ADRollingTbYM_MthmpRadps_um1p17(0)[1) 1038 12_FDD_ADRollingTbYM_MthmpRadps_um1p17(0)[2) 1553 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[3) 2068 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[4] 2883 12_FDD_ADRollingTbYM_MthmpRadps_um1p17(0)[5] 3099 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[7] 4129 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[7] 4129 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[8] 4844 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[8] 4844 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[9] 5159 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1] 683 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1] 683 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1] 1024 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1] 204 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1] 204 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1] 2387 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1] 2387 12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1] 309 12_FDD_FerdTbYM_MthmpRadps_um1p17(1)[1] 32	k_DmpGainOnThresh_KphpS_f32	45.2
12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 0 1038 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 1 1038 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 3 2068 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 3 2683 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 4 2683 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 5 3099 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 6 3614 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 6 3614 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 6 3614 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 6 3614 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 9 5159 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 9 342 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 9 342 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 10 683 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 11 683 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 3 1364 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 4 1705 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 5 2046 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 6 2387 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 6 2387 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 7 2728 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 8 3068 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 8 3068 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17() 9 3409 12_FDD_FreqTbYM_Mtr_ut2p4() 0 16 12_FDD_FreqTbYM_Htr_ut2p4() 0 48 12_FDD_FreqTbYM_Htr_ut2p4() 11 32 12_FDD_FreqTbYM_Htr_ut2p4() 11 30	k_InrtCmp_MtrInertia_KgmSq_f32	0.00015
2_FDD_ADDRollingTbYM_MirhmpRadpS_um1p17(0)[1] 1038 102 102 1038 102 102 1038 102 102 1038 102 1038 102 1038 102 1038 102 1038 102 1038 102 1038 102 1038	k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3
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12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 2046 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 2387 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2728 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 12_FDD_FreqTblYM_Hz_u12p4[0][0] 16 12_FDD_FreqTblYM_Hz_u12p4[0][1] 32 12_FDD_FreqTblYM_Hz_u12p4[0][2] 48 12_FDD_FreqTblYM_Hz_u12p4[0][3] 64 12_FDD_FreqTblYM_Hz_u12p4[0][4] 80 12_FDD_FreqTblYM_Hz_u12p4[0][6] 112 12_FDD_FreqTblYM_Hz_u12p4[0][6] 112 12_FDD_FreqTblYM_Hz_u12p4[0][7] 128 12_FDD_FreqTblYM_Hz_u12p4[0][8] 144 12_FDD_FreqTblYM_Hz_u12p4[0][9] 160 12_FDD_FreqTblYM_Hz_u12p4[0][10] 176 12_FDD_FreqTblYM_Hz_u12p4[0][11] 192		
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12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2728 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 12_FDD_FreqTblYM_Hz_u12p4[0][0] 16 12_FDD_FreqTblYM_Hz_u12p4[0][1] 32 12_FDD_FreqTblYM_Hz_u12p4[0][2] 48 12_FDD_FreqTblYM_Hz_u12p4[0][3] 64 12_FDD_FreqTblYM_Hz_u12p4[0][4] 80 12_FDD_FreqTblYM_Hz_u12p4[0][5] 96 12_FDD_FreqTblYM_Hz_u12p4[0][6] 112 12_FDD_FreqTblYM_Hz_u12p4[0][7] 128 12_FDD_FreqTblYM_Hz_u12p4[0][8] 144 12_FDD_FreqTblYM_Hz_u12p4[0][9] 160 12_FDD_FreqTblYM_Hz_u12p4[0][10] 176 12_FDD_FreqTblYM_Hz_u12p4[0][11] 192		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 16 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 32 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 48 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 64 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 80 t2_FDD_FreqTblYM_Hz_u12p4[0][5] 96 t2_FDD_FreqTblYM_Hz_u12p4[0][6] 112 t2_FDD_FreqTblYM_Hz_u12p4[0][7] 128 t2_FDD_FreqTblYM_Hz_u12p4[0][8] 144 t2_FDD_FreqTblYM_Hz_u12p4[0][9] 160 t2_FDD_FreqTblYM_Hz_u12p4[0][10] 176 t2_FDD_FreqTblYM_Hz_u12p4[0][11] 192		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 3409 12_FDD_FreqTblYM_Hz_u12p4[0][0] 16 12_FDD_FreqTblYM_Hz_u12p4[0][1] 32 12_FDD_FreqTblYM_Hz_u12p4[0][2] 48 12_FDD_FreqTblYM_Hz_u12p4[0][3] 64 12_FDD_FreqTblYM_Hz_u12p4[0][4] 80 12_FDD_FreqTblYM_Hz_u12p4[0][5] 96 12_FDD_FreqTblYM_Hz_u12p4[0][6] 112 12_FDD_FreqTblYM_Hz_u12p4[0][7] 128 12_FDD_FreqTblYM_Hz_u12p4[0][8] 144 12_FDD_FreqTblYM_Hz_u12p4[0][9] 160 12_FDD_FreqTblYM_Hz_u12p4[0][10] 176 12_FDD_FreqTblYM_Hz_u12p4[0][11] 192		
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		
12_FDD_FreqTblYM_Hz_u12p4[0][1] 32 12_FDD_FreqTblYM_Hz_u12p4[0][2] 48 12_FDD_FreqTblYM_Hz_u12p4[0][3] 64 12_FDD_FreqTblYM_Hz_u12p4[0][4] 80 12_FDD_FreqTblYM_Hz_u12p4[0][5] 96 12_FDD_FreqTblYM_Hz_u12p4[0][6] 112 12_FDD_FreqTblYM_Hz_u12p4[0][7] 128 12_FDD_FreqTblYM_Hz_u12p4[0][8] 144 12_FDD_FreqTblYM_Hz_u12p4[0][9] 160 12_FDD_FreqTblYM_Hz_u12p4[0][10] 176 12_FDD_FreqTblYM_Hz_u12p4[0][11] 192		
12_FDD_FreqTblYM_Hz_u12p4[0][2] 48 12_FDD_FreqTblYM_Hz_u12p4[0][3] 64 12_FDD_FreqTblYM_Hz_u12p4[0][4] 80 12_FDD_FreqTblYM_Hz_u12p4[0][5] 96 12_FDD_FreqTblYM_Hz_u12p4[0][6] 112 12_FDD_FreqTblYM_Hz_u12p4[0][7] 128 12_FDD_FreqTblYM_Hz_u12p4[0][8] 144 12_FDD_FreqTblYM_Hz_u12p4[0][9] 160 12_FDD_FreqTblYM_Hz_u12p4[0][10] 176 12_FDD_FreqTblYM_Hz_u12p4[0][11] 192	, ,,	
12_FDD_FreqTblYM_Hz_u12p4[0][3] 64 12_FDD_FreqTblYM_Hz_u12p4[0][4] 80 12_FDD_FreqTblYM_Hz_u12p4[0][5] 96 12_FDD_FreqTblYM_Hz_u12p4[0][6] 112 12_FDD_FreqTblYM_Hz_u12p4[0][7] 128 12_FDD_FreqTblYM_Hz_u12p4[0][8] 144 12_FDD_FreqTblYM_Hz_u12p4[0][9] 160 12_FDD_FreqTblYM_Hz_u12p4[0][10] 176 12_FDD_FreqTblYM_Hz_u12p4[0][11] 192		
12_FDD_FreqTblYM_Hz_u12p4[0][4] 80 12_FDD_FreqTblYM_Hz_u12p4[0][5] 96 12_FDD_FreqTblYM_Hz_u12p4[0][6] 112 12_FDD_FreqTblYM_Hz_u12p4[0][7] 128 12_FDD_FreqTblYM_Hz_u12p4[0][8] 144 12_FDD_FreqTblYM_Hz_u12p4[0][9] 160 12_FDD_FreqTblYM_Hz_u12p4[0][10] 176 12_FDD_FreqTblYM_Hz_u12p4[0][11] 192		
12_FDD_FreqTblYM_Hz_u12p4[0][5] 96 12_FDD_FreqTblYM_Hz_u12p4[0][6] 112 12_FDD_FreqTblYM_Hz_u12p4[0][7] 128 12_FDD_FreqTblYM_Hz_u12p4[0][8] 144 12_FDD_FreqTblYM_Hz_u12p4[0][9] 160 12_FDD_FreqTblYM_Hz_u12p4[0][10] 176 12_FDD_FreqTblYM_Hz_u12p4[0][11] 192		
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		
12_FDD_FreqTblYM_Hz_u12p4[0][7] 128 12_FDD_FreqTblYM_Hz_u12p4[0][8] 144 12_FDD_FreqTblYM_Hz_u12p4[0][9] 160 12_FDD_FreqTblYM_Hz_u12p4[0][10] 176 12_FDD_FreqTblYM_Hz_u12p4[0][11] 192		
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[0][9] 160 t2_FDD_FreqTblYM_Hz_u12p4[0][10] 176 t2_FDD_FreqTblYM_Hz_u12p4[0][11] 192		
t2_FDD_FreqTblYM_Hz_u12p4[0][10] 176 t2_FDD_FreqTblYM_Hz_u12p4[0][11] 192	, ,,	
t2_FDD_FreqTblYM_Hz_u12p4[0][11] 192		
42 FDD FreeThIVM H=4294(4)(0) 470		
	t2_FDD_FreqTblYM_Hz_u12p4[1][0]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][1] 192		
12_FDD_FreqTblYM_Hz_u12p4[1][2] 208	, ,,	
12_FDD_FreqTbIYM_Hz_u12p4[1][3] 224	t2_FDD_FreqTblYM_Hz_u12p4[1][3]	224

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	240	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	256	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	272	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	288	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	304	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	320	
P_FDD_FreqTblYM_Hz_u12p4[1][10]	336	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	352	
CmnVehSpd_Kph_u9p7[0]	12800	
CmnVehSpd_Kph_u9p7[1]	12928	
CmnVehSpd_Kph_u9p7[2]	13056	
CmnVehSpd Kph u9p7[3]	13184	
CmnVehSpd_Kph_u9p7[4]	13312	
CmnVehSpd_Kph_u9p7[5]	13440	
CmnVehSpd_Kph_u9p7[6]	13568	
CmnVehSpd_Kph_u9p7[7]	13696	
CmnVehSpd_Kph_u9p7[8]	13824	
	13952	
CmnVehSpd_Kph_u9p7[9]	14080	
CmnVehSpd_Kph_u9p7[10]		
CmnVehSpd_Kph_u9p7[11]	14208	
DmpADDCoefX_MtrNm_u4p12[0]	20890	
DmpADDCoefX_MtrNm_u4p12[1]	21299	
_DmpADDCoefX_MtrNm_u4p12[2]	21709	
_DmpADDCoefX_MtrNm_u4p12[3]	22118	
_DmpADDCoefX_MtrNm_u4p12[4]	22528	
_DmpADDCoefX_MtrNm_u4p12[5]	22938	
_DmpADDCoefX_MtrNm_u4p12[6]	23347	
_DmpADDCoefX_MtrNm_u4p12[7]	23757	
_DmpADDCoefX_MtrNm_u4p12[8]	24166	
_DmpADDCoefX_MtrNm_u4p12[9]	24576	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
_DmpDecelGainSlewY_UlspS_u13p3[0]	2408	
_DmpDecelGainSlewY_UlspS_u13p3[1]	2416	
	2424	
_DmpDecelGainSlewY_UlspS_u13p3[2]		
_DmpDecelGainSlewY_UlspS_u13p3[3]	2432	
_DmpDecelGainSlewY_UlspS_u13p3[4]	2440	
_DmpDecelGainSlewY_UlspS_u13p3[5]	2448	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728	
FDD_ADDStaticTbH_MithNinpRadpS_um1p17[7] FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1520	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1536	
FDD_AttenTblY_Uls_u8p8[0]	86	
FDD_AttenTblY_Uls_u8p8[1]	88	
FDD_BlendTbIY_Uls_u8p8[0]	5	
FDD_BlendTbIY_Uls_u8p8[1]	8	
FDD_BlendTbIY_Uls_u8p8[2]	10	
FDD_BlendTbIY_Uls_u8p8[3]	13	
FDD_BlendTblY_Uls_u8p8[4]	15	
FDD_BlendTblY_Uls_u8p8[5]	18	
FDD_BlendTblY_Uls_u8p8[6]	20	
FDD_BlendTblY_Uls_u8p8[7]	23	
	26	
FDD_BlendTblY_Uls_u8p8[8]		
_FDD_BlendTblY_Uls_u8p8[9]	28	
_FDD_BlendTblY_Uls_u8p8[10]	31	
_FDD_BlendTblY_Uls_u8p8[11]	33	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	26		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	27		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	28		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	29		
t RIAstWIRBIndTbIY Uls u2p14[0]	1638		
t RIAstWIRBIndTbIY Uls u2p14[1]	3277		
t RIAstWIRBIndTbIY Uls u2p14[2]	4915		
t RIAstWIRBIndTbIY Uls u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t WIRBIndTbIX MtrNm u8p8[0]	1178		
t WIRBIndTbIX MtrNm u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t WIRBIndTbIX MtrNm u8p8[4]	1280		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	2.2		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	100.8		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	7.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	11.01		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	0		
tgt FrqDepDmpnInrtCmp Per1 WIRCmdAmpBInd MtrNm f32.value	3.2		
tgt Rte 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_HwYorque_Hw tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt_Rte_inst_Ap_FrqDepDmpnintCmp.FrqDepDmpnintCmp_Fer1_venicieLonAct tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VenicieSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE		<u> </u>	
Name	Actual Value	Expected Value	Result

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127014.063	127014.0599 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-12284.4609	-12284.45952 ± 0.09	•
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	~
tot FroDenDmonInrtCmp Per1 FroDenDmonInrtCmp MtrNm f32 value	-8 80000019	-8 8 + 0 00048828125	✓



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

Test Step 3.19 (Repeat Count = 1)	· ·
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
Prev2ScIDrvVel_RadpS_M_f32	987.5
PrevTbarAng_HwDeg_M_f32	-0.894
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.6
TbarVelFiltSv_M_str.K_Uls_f32	0.2356
k CmnSysKinRatio MtrDegpHwDeg f32	88.15
k CmnTbarStiff NmpDeg f32	8.5
k DmpDecelGainFSlew UlspS f32	1500.02
k_DmpDecelGain_Uls_f32	2.2
k_DmpGainOffThresh_KphpS_f32	20.6
k_DmpGainOnThresh_KphpS_f32	22.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00016
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2
	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	32
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	512
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544

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Name	Input Value
vame 2 FDD FreqTblYM Hz u12p4[1][4]	Input Value 560
2_FDD_FreqTblYM_Hz_u12p4[1][5]	576
2_FDD_FreqTblYM_Hz_u12p4[1][6]	592
2_FDD_FreqTblYM_Hz_u12p4[1][7]	608
2_FDD_FreqTblYM_Hz_u12p4[1][8]	624
2_FDD_FreqTblYM_Hz_u12p4[1][9]	640
2_FDD_FreqTblYM_Hz_u12p4[1][10]	656
2_FDD_FreqTblYM_Hz_u12p4[1][11]	672
_CmnVehSpd_Kph_u9p7[0]	15488
_CmnVehSpd_Kph_u9p7[1]	15616
_CmnVehSpd_Kph_u9p7[2]	15744
_CmnVehSpd_Kph_u9p7[3]	15872
_CmnVehSpd_Kph_u9p7[4]	16000
_CmnVehSpd_Kph_u9p7[5]	16128
_CmnVehSpd_Kph_u9p7[6]	16256
_CmnVehSpd_Kph_u9p7[7]	16384
_CmnVehSpd_Kph_u9p7[8]	16512
_CmnVehSpd_Kph_u9p7[9]	16640
_CmnVehSpd_Kph_u9p7[10]	16768
_CmnVehSpd_Kph_u9p7[11]	16896
_DmpADDCoefX_MtrNm_u4p12[0]	24986
_DmpADDCoefX_MtrNm_u4p12[1]	25395
_DmpADDCoefX_MtrNm_u4p12[2]	25805
_DmpADDCoefX_MtrNm_u4p12[3]	26214
_DmpADDCoefX_MtrNm_u4p12[4] DmpADDCoefX_MtrNm_u4p12[5]	26624 27034
_DmpADDCcetX_MtrNm_u4p12[6]	27443
_DmpADDCoefX_MtrNm_u4p12[7]	27853
_DmpADDCcetX_MtrNm_u4p12[8]	28262
_DmpADDCoefX_MtrNm_u4p12[9]	28672
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256
DmpDecelGainSlewX MtrRadpS u11p5[3]	4288
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352
_DmpDecelGainSlewY_UlspS_u13p3[0]	384
	392
_DmpDecelGainSlewY_UlspS_u13p3[2]	400
_DmpDecelGainSlewY_UlspS_u13p3[3]	408
_DmpDecelGainSlewY_UlspS_u13p3[4]	416
_DmpDecelGainSlewY_UlspS_u13p3[5]	424
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1552
_FDD_AttenTblX_MtrRadpS_u12p4[1]	1600
_FDD_AttenTblY_Uls_u8p8[0]	114
_FDD_AttenTblY_Uls_u8p8[1]	116
_FDD_BlendTblY_Uls_u8p8[0]	10
_FDD_BlendTblY_Uls_u8p8[1]	13
_FDD_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
	28
_FDD_BlendTblY_Uls_u8p8[7]	24
_FDD_BlendTblY_Uls_u8p8[8]	31
	31 33 36

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	42		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	45		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t WIRBIndTbIX MtrNm u8p8[3]	1510		
t WIRBIndTbIX MtrNm u8p8[4]	1536		
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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm	tgt FrqDepDmpnInrtCmp Per1 BaseAssis	tCmd MtrNm f32	
tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB			
Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	127115 836	127115 835 + 0 0625	result

20			
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	~
tot FraDenDmonInrtCmp Per1 FraDenDmonInrtCmp MtrNm f32 value	0	0 + 0 00048828125	✓



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

Test Step 3.20 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	127220.81
Prev1PreAttnComp_MtrNm_M_f32	-2.5
Prev1SclDrvVel_RadpS_M_f32	-69.6
Prev2PreAttnComp_MtrNm_M_f32	-3.5
Prev2ScIDrvVel_RadpS_M_f32	-59.2
PrevTbarAng_HwDeg_M_f32	0.909
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	1.2
TbarVelFiltSv_M_str.K_Uls_f32	0.3479
k_CmnSysKinRatio_MtrDegpHwDeg_f32	99.12
k CmnTbarStiff NmpDeg f32	9.5
k DmpDecelGainFSlew UlspS f32	1600.03
k_DmpDecelGain_Uls_f32	2.6
k_DmpGainOffThresh_KphpS_f32	22.3
k_DmpGainOnThresh_KphpS_f32	33.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.0003
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
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_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
	48
t2_FDD_FreqTbIYM_Hz_u12p4[0][0] t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	64
: ::	80
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	112
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704

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FrqDepDmpnInrtCmp_Per1	MAC	TOTAL
Name	Input Value	
2 FDD FregTblYM Hz u12p4[1][4]	720	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	736	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	752	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	768	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	784	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	800	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	816	
2_FDD_freqTblYM_Hz_u12p4[1][11]	832	
CmnVehSpd Kph u9p7[0]	10368	
CmnVehSpd Kph u9p7[1]	10496	
	10624	
_CmnVehSpd_Kph_u9p7[2]		
CmnVehSpd_Kph_u9p7[3]	10752	
CmnVehSpd_Kph_u9p7[4]	10880	
_CmnVehSpd_Kph_u9p7[5]	11008	
CmnVehSpd_Kph_u9p7[6]	11136	
CmnVehSpd_Kph_u9p7[7]	11264	
CmnVehSpd_Kph_u9p7[8]	11392	
CmnVehSpd_Kph_u9p7[9]	11520	
CmnVehSpd_Kph_u9p7[10]	11648	
CmnVehSpd_Kph_u9p7[11]	11776	
DmpADDCoefX_MtrNm_u4p12[0]	28262	
DmpADDCoefX_MtrNm_u4p12[1]	28672	
DmpADDCoefX_MtrNm_u4p12[2]	29082	
DmpADDCoefX_MtrNm_u4p12[3]	29491	
DmpADDCoefX_MtrNm_u4p12[4]	29901	
DmpADDCoefX_MtrNm_u4p12[5]	30310	
DmpADDCoefX_MtrNm_u4p12[6]	30720	
DmpADDCoefX_MtrNm_u4p12[7]	31130	
DmpADDCoefX_MtrNm_u4p12[8]	31539	
DmpADDCoefX_MtrNm_u4p12[9]	31949	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824	
DmpDecelGainSiewx_MitrRadpS_u11p5[1] DmpDecelGainSiewX_MtrRadpS_u11p5[2]	5856	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952	
_DmpDecelGainSlewY_UlspS_u13p3[0]	3608	
_DmpDecelGainSlewY_UlspS_u13p3[1]	3616	
_DmpDecelGainSlewY_UlspS_u13p3[2]	3624	
_DmpDecelGainSlewY_UlspS_u13p3[3]	3632	
DmpDecelGainSlewY_UlspS_u13p3[4]	3640	
_DmpDecelGainSlewY_UlspS_u13p3[5]	3648	
DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
DmpFiltKpWIRBIndY Uls u2p14[3]	9830	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	704	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	814	
	924	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]		
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1616	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1680	
FDD_AttenTblY_Uls_u8p8[0]	136	
FDD_AttenTblY_Uls_u8p8[1]	139	
FDD_BlendTblY_Uls_u8p8[0]	13	
FDD_BlendTblY_Uls_u8p8[1]	15	
FDD_BlendTblY_Uls_u8p8[2]	18	
FDD_BlendTbIY_Uls_u8p8[3]	20	
FDD_BlendTblY_Uls_u8p8[4]	23	
FDD_BlendTblY_Uls_u8p8[5]	26	
FDD_BlendTblY_Uls_u8p8[6]	28	
FDD_BlendTbIY_Uls_u8p8[7]	31	
FDD_BlendTbIY_Uls_u8p8[8]	33	
FDD_BlendTbIY_Uls_u8p8[9]	36	
_FDD_BlendTblY_Uls_u8p8[10]	38	
	41	

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- 1450p2mpmmtcmp 011			
Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	46		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	50		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	60		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	1.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	150.5		
$tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value$	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	8.7		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	13.05		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	250.02		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.2		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssis	:Cmd_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor	/el_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpSt$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDi	mpSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIrrtCmp_FrqDepDmpnIrrt$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDm	pnInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwriter_Ap_FrqDepDmpnInrtCmp_$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque	_HwNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcception (Compared to the Compared to th$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLor	Accel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCm$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	eed_Kph_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpError = 0.0000000000000000000000000000000000$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdA	mpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
PreDecelGain_Uls_M_f32	127217.609	127217.6099 ± 0.0625	
Prev1PreAttnComp MtrNm M f32	-34957.4961	-34957.49739 ± 0.09	
Prev1ScIDrvVel_RadpS_M_f32	16.6422844	16.64228823 ± 0.00390625	
	The state of the s		

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	~
tot FroDenDmonInrtCmp Per1 FroDenDmonInrtCmp MtrNm f32 value	-8 80000019	-8 8 + 0 00048828125	✓



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

Test Step 3.21 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	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
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.2244
k CmnSysKinRatio MtrDegpHwDeg f32	27.02
k CmnTbarStiff NmpDeg f32	1.3
k DmpDecelGainFSlew UlspS f32	1700.05
k_DmpDecelGain_Uls_f32	2.1
k_DmpGainOffThresh_KphpS_f32	16.2
k_DmpGainOnThresh_KphpS_f32	44.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00031
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	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
	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342 683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	176
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	32
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	48
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	64

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	192	
_CmnVehSpd_Kph_u9p7[0]	5248	
_CmnVehSpd_Kph_u9p7[1]	5376	
CmnVehSpd_Kph_u9p7[2]	5504	
CmnVehSpd_Kph_u9p7[3]	5632	
_CmnVehSpd_Kph_u9p7[4]	5760	
CmnVehSpd_Kph_u9p7[5]	5888	
_CmnVehSpd_Kph_u9p7[6]	6016	
_CmnVehSpd_Kph_u9p7[7]	6144	
_CmnVehSpd_Kph_u9p7[8]	6272	
_CmnVehSpd_Kph_u9p7[9]	6400	
CmnVehSpd Kph u9p7[10]	6528	
	6656	
_CmnVehSpd_Kph_u9p7[11]		
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
_DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280	
_DmpDecelGainSlewY_UlspS_u13p3[0]	288	
_DmpDecelGainSlewY_UlspS_u13p3[1]	296	
DmpDecelGainSlewY UlspS u13p3[2]	304	
_DmpDecelGainSlewY_UlspS_u13p3[3]	312	
_DmpDecelGainSlewY_UlspS_u13p3[4]	320	
DmpDecelGainSlewY_UlspS_u13p3[5]	328	
DmpFiltKpWIRBIndY Uls u2p14[0]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1490	
FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	1591	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	1793	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1728	
_FDD_AttenTbIX_MtrRadpS_u12p4[1]	1760	
FDD_AttenTblY_Uls_u8p8[0]	166	
FDD_AttenTblY_Uls_u8p8[1]	166	
_FDD_BlendTblY_Uls_u8p8[0]	15	
_FDD_BlendTblY_Uls_u8p8[1]	18	
FDD_BlendTblY_Uls_u8p8[2]	20	
FDD_BlendTblY_Uls_u8p8[3]	23	
FDD_BlendTblY_Uls_u8p8[4]	26	
FDD_BlendTblY_Uls_u8p8[5]	28	
FDD_BlendTblY_Uls_u8p8[6]	31	
	33	
_FDD_BlendTblY_Uls_u8p8[7] FDD_BlendTblY_Uls_u8p8[8]		
_FDD_BlendTblY_Uls_u8p8[8]	36	
_FDD_BlendTblY_Uls_u8p8[9]	38	
_FDD_BlendTblY_Uls_u8p8[10]	41	
_FDD_BlendTblY_Uls_u8p8[11]		

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256	256	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	70		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	72		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	76		
t RIAstWIRBIndTblY Uls u2p14[0]	6554		
t RIAstWIRBIndTbIY Uls u2p14[1]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	11469		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	13107		
t WIRBIndTbIX MtrNm u8p8[0]	1894		
t WIRBIndTbIX MtrNm u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t WIRBIndTbIX MtrNm u8p8[3]	1971		
t WIRBIndTbIX MtrNm u8p8[4]	1997		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1.6		
tgt FrgDepDmpnInrtCmp Per1 CRFMotorVel MtrRadpS f32.value	-150.6		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-8.8		
tgt FrgDepDmpnInrtCmp Per1 VehicleLonAccel KphpS f32.value	14.06		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	220.02		
tgt_FrqDepDmpnInrtCmp_Fer1_WIRCmdAmpBlnd_MtrNm_f32.value	0		
tgt_riqDepDmpnlintCmp_rei1_virkCmdxmpbilid_witNni_i32.vaide tgt_Rte_Inst_Ap_FrqDepDmpnlnrtCmp.FrqDepDmpnlnrtCmp_Per1_BaseAssistC	, s		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCtgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm			
tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpae			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm		1_WIRCmdAmpBInd_MtrNm_f32	= -
Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	127319 383	127319 3849 + 0 0625	

	h .ahhh		
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	~
tot FroDenDmonInrtCmp Per1 FroDenDmonInrtCmp MtrNm f32 value	0	0 + 0 00048828125	✓



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

Proceeding Us. M. 172	T4 04 0 00 (D4 04)	
Profescional, May Mriting 20 A 5 Print Seth Windows, Mriting 20 A 5 Print Seth Windows, Mriting 20 A 5 Print Seth Windows, Mriting 20 A 6 Print Seth Windows, Mriting 20 A 7 Print Seth Windows, Mriting 20 A 7 Print Seth Windows, Mriting 20 A 7 Riting And A. Frip Print Mriting 20 A 7 Riting And A. Frip Print Mriting 20 A 7 Riting And A. Frip Print Mriting 20 A 7 Riting And A. Frip Print Mriting 20 A 7 Riting And A. Frip Print Mriting 20 A 7 Riting And A. Frip Print Mriting 20 A 7 Riting And A. Frip Print Mriting 20 A 7 Riting And A. Frip Print Mriting 20 A 7 Romespherical Seth Windows 20 A 7 A 8 A 8 A 8 A 8 A 8 A 8 A 8 A 8 A 8 A 8	Test Step 3.22 (Repeat Count = 1)	V
PREVISEDAVIA (RISHS M. RIS 2) PREVISEDAVIA (RISHS M. RIS 3) RISH (LISH A. F. PREDEDITIONICUP) RISH (LISH A. F. PREDEDITIONICUP) RISH (LISH A. F. PREDEDITIONICUP) RISH (LISH A. R. PREVISED (RISH M. RISH SEV) (US. RIS 2) C. COMITASSIM, M. RISH (US. RIS 2) C. COMITASSIM, M. RISH (US. RISH 2) C. COMIT		·
ProviseDriving Minh M, 192 ProviseDriving M, 192 Re_Inel_Ap_FroberphyphintCmp Ing_Re_Inel_Ap_FroberphyphintCmp Ing_Inel_Ap_FroberphyphintCmp Ing_Inel_		
ProvZePoVAL SIGNS M. 182 ProvZePoVAL SIGNS M.		
PrevZesAng-Ho-Poug MZ 2 3.403 Ric Inst. Ap. FrQspDrprintnCmp 1g. Ric Inst. Ap. FrQspDrprintnCmp 2g. 2g. 3g. Sq. Com/Systeriate. MinDeppriving MZ 2 2g. RompGoodCome 1g. Sq. 2g. 2g. Com/Systeriate. MinDeppriving MZ 2 2g. RompGoodCome 1g. Sq. 2g. 2g. Com/Systeriate. MinDeppriving MZ 2 2g. RompGoodCome 1g. Sq. 2g. 2g. Com/Systeriate. MinDeppriving MZ 2 2g. RompGoodCome 1g. Sq. 2g. 2g. Com/Systeriate. MinDeppriving MX 2g. 2g. RompGoodCome 1g. Sq. 2g. 2g. Com/Systeriate. MinDeppriving MX MinNeppriving MX Mi	_ :	
PievTharAng_HwDeg_M_182 3.403 Rk Inst. Ag_FrqDepDmpnInrtCmp 15.11 Inst. Ag_FrqDepDmpnInrtCmpnI	Prev2PreAttnComp_MtrNm_M_f32	
Rit_Inst_Ap_FriQperDimpnintCrop	Prev2SclDrvVel_RadpS_M_f32	115.2
ThanVerlins, M. et R. V. Us. 12 2. 6. STRAVELINS, M. et R. V. Us. 12 2. Com That Sett, Number, 152 2. Com Comment, 152 2. Com Comment, 152 2. Com Comment, 152 2. Com Comment, 153 2. Comment, 153 2. Com Comment, 153 2. Comment, 153 2	PrevTbarAng_HwDeg_M_f32	3.403
Travolerikov, M. str. K. Uls. 122	Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
k, Com/SpakfinRatio, Mitchappholog, 132 2,603 k, Com/SpakfinRatio, Mitchappholog, 122 2,7 k, DempGoedGain Juls, 132 2,2 k, DempGoedGain Juls, 152 2,2 k, DempGoedGain Juls, 152 2,0 k, DempGoedTreben, Kppbs, 162 20,3 k, DempGoedTreben, Kppbs, 162 8,5 k, Indrom, Mittherian, KgmSq, 162 0,00032 k, Indrom, Mittherian, KgmSq, 163 0,00032 k, Indrom, Mittherian, KgmSq, 163 1 12, FDD, ADDRollingTbVM, Mittheriangbs, unip17(0)(1) 1038 12, FDD, ADDRollingTbVM, Mittheriangbs, unip17(0)(1) 1038 12, FDD, ADDRollingTbVM, Mittheriangbs, unip17(0)(1) 2068 12, FDD, ADDRollingTbVM, Mittheriangbs, unip17(0)(1) 208 12, FDD, ADDRollingTbVM, Mittheriangbs, unip17(0)(1) 309 12, FDD, ADDRollingTbVM, Mittheriangbs, unip17(0)(1) 4129 12, FDD, ADDRollingTbVM, Mittheriangbs, unip17(0)(1) 4129 12, FDD, ADDRollingTbVM, Mittheriangbs, unip17(1)(1) 1338 12, FDD, ADDRollingTbVM, Mittheriangbs, unip17(1)(1) 1338 12, FDD, ADDRollingTbVM, Mittheriangbs, unip17(1)(1) 1338 12, FDD, ADDRoll	TbarVelFiltSv_M_str.SV_Uls_f32	2.6
k_ CmmDesdist Numpleg_122 2.7 k_ DmpDesdisain/Siles_UlspS_102 1800.06 k_ DmpDesdisain/Siles_UlspS_102 2.2 k_ DmpDesdisain/Siles_UlspS_102 2.0.3 k_ DmpGesdin/Diffusel, KpbpS_102 8.5 k_ IntrCmp_Mirriens_KpbpS_102 8.5 k_ IntrCmp_Mirriens_KpdpS_102 8.5 k_ IntrCmp_Mirriens_KpdpS_102 1.0 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0] 523 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0] 523 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0] 1553 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0] 258 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0] 258 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0] 258 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0] 364 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0] 364 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0] 523 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0] 523 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0] 523 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0] 523 12 FDD_ADDRollingTbYM_MirringRadpS_umlp17(0)[0]	TbarVelFiltSv_M_str.K_Uls_f32	0.3366
k DmpDecciGain (18, 195, 192 1800.06 L DmpGeariolTimeth, KnppS 192 20.3 k DmpGariolTimeth, KnppS 192 8.5 k Inform, Mirrientia, KgmSq, 192 0.00032 k Inform, Mirrientia, KgmSq, 193 0.00032 k Inform, Mirrientia, KgmSq, 193 1 L FDD, ADDRaingThVM, MirrimpRadsp, umtp17(0)(1) 523 12, FDD, ADDRaingThVM, MirrimpRadsp, umtp17(0)(1) 1038 12, FDD, ADDRaingThVM, MirrimpRadsp, umtp17(0)(3) 2068 12, FDD, ADDRaingThVM, MirrimpRadsp, umtp17(0)(3) 2068 12, FDD, ADDRaingThVM, MirrimpRadsp, umtp17(0)(3) 2068 12, FDD, ADDRaingThVM, MirrimpRadsp, umtp17(0)(3) 3069 12, FDD, ADDRaingThVM, MirrimpRadsp, umtp17(0)(3) 3164 12, FDD, ADDRaingThVM, MirrimpRadsp, umtp17(0)(3) 3164 12, FDD, ADDRaingThVM, MirrimpRadsp, umtp17(1)(3) 306 12, FDD, ADDRaingThVM, MirrimpRadsp, umtp17(1)(3) 308 12, FDD, ADDRaingThVM, MirrimpRadsp, umtp17(1)(4) 2583 <td>k_CmnSysKinRatio_MtrDegpHwDeg_f32</td> <td>26.03</td>	k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.03
k_ DmpGainOffThreeh, KphpS_J32 2,2 k_ DmpGainOffThreeh, KphpS_J32 8,5 k_ IntrCmp_Mirrie-tia, KgmpS_J32 8,5 k_ IntrCmp_Mirrie-tia, KgmpS_J32 0,00032 k_ IntrCmp_Mirrie-tia, KgmpS_J32 1 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[0] 523 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[1] 1038 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[2] 1553 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[4] 2583 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[5] 3099 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[6] 3614 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[7] 4129 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[8] 4864 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[9] 5159 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[9] 523 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[9] 5199 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[9] 5199 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[1] 1038 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[1] 2583 12, FDD_ADDRollingTbVM_MirrimpRadpS_umptp17(0)[1] <t< td=""><td>k_CmnTbarStiff_NmpDeg_f32</td><td>2.7</td></t<>	k_CmnTbarStiff_NmpDeg_f32	2.7
k_ DmpGainOffTrresh_Kphps_f32	k_DmpDecelGainFSlew_UlspS_f32	1800.06
k, DmCong, Mrtnertis, KgmSq, [32] 0.00032 k, IndComg, Mrtnertis, KgmSq, [32] 0.00032 k, IndComg, Mrtnertis, KgmSq, [32] 1 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(0)[0] 523 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(0)[2] 1553 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(0)[3] 2688 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(0)[6] 2583 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(0)[6] 3614 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(0)[7] 4129 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(0)[8] 3644 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(0)[8] 4444 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(0)[8] 4544 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(1)[9] 5199 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(1)[9] 523 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(1)[1] 1038 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(1)[3] 268 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(1)[4] 2583 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(1)[4] 2583 12, FDD, ADDRollingTbYM, MrthmRadpS, um1p17(1)[6] 3614 12, FDD, FerathW,	k_DmpDecelGain_Uls_f32	2.2
IntrCmp_Mirrieartia_KgmSq_Sq_S2	k_DmpGainOffThresh_KphpS_f32	20.3
LintChip, MirVol, ScaleFeator, Uls. (32) 1 1 1 1 1 1 1 1 1	k_DmpGainOnThresh_KphpS_f32	8.5
2_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 0 523 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 1 1038 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 3 2068 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 4 2583 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 6 3099 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 6 3144 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 6 3144 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 7 4129 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 8 4844 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 9 5159 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 9 5159 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 9 5159 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 1 1038 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 1 1038 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 1 1038 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 1 2553 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 1 2563 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 1 2583 12_FDD_ADDRollingTbIYM_MirhmpRadpS_um1p17(0) 1 4129 12_FDD_FreqTbIYM_Hz_u12p4(0) 1 4044 12_FDD	k_InrtCmp_MtrInertia_KgmSq_f32	0.00032
12 FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0)[1] 1038	k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
2_FDD_ADDRollingTbYM_MrmpRadpS_um1p17(0) 2	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[0][3] 2068 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[0][4] 2583 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[0][6] 3614 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[0][6] 3614 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[0][7] 4129 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[0][9] 5159 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[0][9] 5159 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[1][1] 1038 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[1][1] 1038 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[1][4] 2553 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[1][4] 2563 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[1][4] 2583 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[1][4] 3099 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[1][6] 3614 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[1][6] 3614 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[1][6] 3614 12 FDD_ADDRollingTbYM_MrnmpRadpS_um1p17[1][6] 3614 12 FDD_FreqTbYM_Hz_ut2p4[0][0] 80 12 FDD_FreqTbYM_Hz_ut2p4[0][0] 112 12 FDD_FreqTbYM_Hz_ut2p4[0][0] 128 12 FDD_FreqTbYM_Hz_ut2p4[0][0] 208	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
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12_FDD_FreqTblYM_Hz_u12p4[0][3]		
12_FDD_FreqTblYM_Hz_u12p4[0][4] 144 12_FDD_FreqTblYM_Hz_u12p4[0][5] 160 12_FDD_FreqTblYM_Hz_u12p4[0][6] 176 12_FDD_FreqTblYM_Hz_u12p4[0][7] 192 12_FDD_FreqTblYM_Hz_u12p4[0][8] 208 12_FDD_FreqTblYM_Hz_u12p4[0][9] 224 12_FDD_FreqTblYM_Hz_u12p4[0][10] 240 12_FDD_FreqTblYM_Hz_u12p4[0][11] 256 12_FDD_FreqTblYM_Hz_u12p4[1][0] 32 12_FDD_FreqTblYM_Hz_u12p4[1][1] 48		
t2_FDD_FreqTblYM_Hz_u12p4[0][5] 160 t2_FDD_FreqTblYM_Hz_u12p4[0][6] 176 t2_FDD_FreqTblYM_Hz_u12p4[0][7] 192 t2_FDD_FreqTblYM_Hz_u12p4[0][8] 208 t2_FDD_FreqTblYM_Hz_u12p4[0][9] 224 t2_FDD_FreqTblYM_Hz_u12p4[0][10] 240 t2_FDD_FreqTblYM_Hz_u12p4[0][11] 256 t2_FDD_FreqTblYM_Hz_u12p4[1][0] 32 t2_FDD_FreqTblYM_Hz_u12p4[1][1] 48		
t2_FDD_FreqTblYM_Hz_u12p4[0][6] 176 t2_FDD_FreqTblYM_Hz_u12p4[0][7] 192 t2_FDD_FreqTblYM_Hz_u12p4[0][8] 208 t2_FDD_FreqTblYM_Hz_u12p4[0][9] 224 t2_FDD_FreqTblYM_Hz_u12p4[0][10] 240 t2_FDD_FreqTblYM_Hz_u12p4[0][11] 256 t2_FDD_FreqTblYM_Hz_u12p4[1][0] 32 t2_FDD_FreqTblYM_Hz_u12p4[1][1] 48		
12_FDD_FreqTblYM_Hz_u12p4[0][7] 192 12_FDD_FreqTblYM_Hz_u12p4[0][8] 208 12_FDD_FreqTblYM_Hz_u12p4[0][9] 224 12_FDD_FreqTblYM_Hz_u12p4[0][10] 240 12_FDD_FreqTblYM_Hz_u12p4[0][11] 256 12_FDD_FreqTblYM_Hz_u12p4[1][0] 32 12_FDD_FreqTblYM_Hz_u12p4[1][1] 48		
12_FDD_FreqTblYM_Hz_u12p4[0][8] 208 12_FDD_FreqTblYM_Hz_u12p4[0][9] 224 12_FDD_FreqTblYM_Hz_u12p4[0][10] 240 12_FDD_FreqTblYM_Hz_u12p4[0][11] 256 12_FDD_FreqTblYM_Hz_u12p4[1][0] 32 12_FDD_FreqTblYM_Hz_u12p4[1][1] 48		
12_FDD_FreqTblYM_Hz_u12p4[0][9] 224 12_FDD_FreqTblYM_Hz_u12p4[0][10] 240 12_FDD_FreqTblYM_Hz_u12p4[0][11] 256 12_FDD_FreqTblYM_Hz_u12p4[1][0] 32 12_FDD_FreqTblYM_Hz_u12p4[1][1] 48		
12_FDD_FreqTblYM_Hz_u12p4[0][10] 240 12_FDD_FreqTblYM_Hz_u12p4[0][11] 256 12_FDD_FreqTblYM_Hz_u12p4[1][0] 32 12_FDD_FreqTblYM_Hz_u12p4[1][1] 48		
12_FDD_FreqTblYM_Hz_u12p4[0][11] 256 t2_FDD_FreqTblYM_Hz_u12p4[1][0] 32 t2_FDD_FreqTblYM_Hz_u12p4[1][1] 48		
t2_FDD_FreqTblYM_Hz_u12p4[1][0] 32 t2_FDD_FreqTblYM_Hz_u12p4[1][1] 48		
t2_FDD_FreqTblYM_Hz_u12p4[1][1] 48		
t2 FDD FreaTblYM Hz u12p4(11)(2) 64		
	t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64
12_FDD_FreqTblYM_Hz_u12p4[1][3] 80	t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80

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Name	Input Value	
Name 12 FDD FreqTbIYM Hz u12p4[1][4]	96	
12_FDD_FreqTbIYM_Hz_u12p4[1][5]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
_CmnVehSpd_Kph_u9p7[0]	3968	
_CmnVehSpd_Kph_u9p7[1]	4096	
_CmnVehSpd_Kph_u9p7[2]	4224	
_CmnVehSpd_Kph_u9p7[3]	4352	
_CmnVehSpd_Kph_u9p7[4]	4480	
_CmnVehSpd_Kph_u9p7[5]	4608	
_CmnVehSpd_Kph_u9p7[6]	4736	
_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 11469	
_DmpADDCoefX_MtrNm_u4p12[7]		
_DmpADDCoefX_MtrNm_u4p12[8]	11878 12288	
_DmpADDCoefX_MtrNm_u4p12[9]	32320	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]		
_DmpDecelGainSlewX_MtrRadpS_u11p5[1] _DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32352 32384	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32416	
_DmpDecelGainGlewX_MtrRadpS_u11p5[3]	32448	
_DmpDecelGainGlewX_MtrRadpS_u11p5[5]	32480	
_DmpDecelGainSlewY_UlspS_u13p3[0]	384	
_DmpDecelGainSlewY_UlspS_u13p3[1]	392	
_DmpDecelGainSlewY_UlspS_u13p3[2]	400	
_DmpDecelGainSlewY_UlspS_u13p3[3]	408	
_DmpDecelGainSlewY_UlspS_u13p3[4]	416	
mpDecelGainSlewY_UlspS_u13p3[5]	424	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	161	
FDD ADDStaticTblY MtrNmpRadpS um1p17[1]	328	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1776	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	1840	
_FDD_AttenTblY_Uls_u8p8[0]	189	
_FDD_AttenTblY_Uls_u8p8[1]	191	
_FDD_BlendTbIY_Uls_u8p8[0]	18	
_FDD_BlendTbIY_Uls_u8p8[1]	20	
_FDD_BlendTbIY_Uls_u8p8[2]	23	
_FDD_BlendTblY_Uls_u8p8[3]	26	
_FDD_BlendTbIY_Uls_u8p8[4]	28	
_FDD_BlendTbIY_Uls_u8p8[5]	31	
_FDD_BlendTbIY_Uls_u8p8[6]	33	
_FDD_BlendTblY_Uls_u8p8[7]	36	
_FDD_BlendTblY_Uls_u8p8[8]	38	
_FDD_BlendTbIY_Uls_u8p8[9]	41	
_FDD_BlendTblY_Uls_u8p8[10]	44	
:_FDD_BlendTblY_Uls_u8p8[11]	46	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
	307		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	88		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	90		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	91		
t RIAstWIRBIndTblY Uls u2p14[0]	8192		
t RIAstWIRBIndTblY Uls u2p14[1]	9830		
t RIAstWIRBIndTblY Uls 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_rqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	8.8		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm			
tgt Rte Inst Ap FrgDepDmpnInrtCmp.FrgDepDmpnInrtCmp 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_FrqDepDmpnIr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed			
igt_Rie_inst_Ap_FrqDepDmpnInriCmp.FrqDepDmpnInriCmp_FeT1_veTidespeed_ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE		- · -	
			D
Name	Actual Value	Expected Value	Result

9			
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	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32 value	-8 80000019	-8.8 + 0.00048828125	✓



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

Name	T (0) 000 (D (0) (1)	
PreoEcciGain_Uts_M_132 45678 PrevIP-AkthComp_Mthm_M_122 4.5 PrevIP-AkthComp_Mthm_M_122 4.6 PrevZP-AkthComp_Mthm_M_122 1.1 PrevZP-AkthComp_Mthm_M_122 3.90 PrevTbarAng_HwDeg_M_132 3.06 Rle_Inst_Ap_FriDepDmpnInntCmp tty_Rie_Inst_Ap_FriDepDmpnInntCmp TradvierHisty_M_str_SV_Uts_132 2.5 TbarVerHisty_M_str_SV_Uts_132 2.5 CompSystAnsian_MthDeaphHwDeg_132 53.25 K_CmmSystAnsian_MthDeaphHwDeg_132 53.25 K_CmmSystAnsian_MthDeaphHwDeg_132 53.25 K_CmmSystAnsian_Uts_132 2.6 K_DmpDeactGain*Siev_Utsps_132 1900.08 K_DmpDeactGain*Siev_Utsps_132 2.6 K_DmpCanconTimesh_Sphps_132 2.6 K_IndrCmp_Mthreath_Sphps_132 0.00033 K_IndrCmp_Mthreath_Spm_132 0.00033 K_IndrCmp_Mthreath_Spm_132 0.7 L_FDD_ADDRollingTbMM_MthrmpRadps_ump1770[ii] 814 L_FDD_ADDRollingTbMM_MthrmpRadps_ump1770[ii] 924 L_FDD_ADDRollingTbMM_MthrmpRadps_ump1770[ii] 1144 L_FDD_ADDRollingTbMM_MthrmpRadps_ump177	Test Step 3.23 (Repeat Count = 1)	▼
PrevIPreAttnComp, Mirkhm M, 132		
PrevSicitorVel_RadpS_M_132 48.5 PrevSicitorVel_RadpS_M_132 -1.1 PrevSicitorVel_RadpS_M_132 380.2 PrevTsarAng_HwDeg_M_132 3.06 Rte_Inst_Ap_FroDepOmpnintCmp Up. Rte_Inst_Ap_FroDepOmpnintCmp TbarVelFillSv_M_str.SV_Uls_132 -2.5 ComSystification, MitDepOmberg_132 53.26 K_CmmSpstification, MitDepOmberg_132 53.26 K_CmmSpstification, MitDepOmberg_132 3.1 K_DmpDecalGain_Uls_132 2.8 K_DmpDecalGain_Uls_132 2.8 K_DmpDecalGain_Uls_132 2.8 K_DmpCainOrTinesh_Kripbs_162 16.2 K_Infrom_Mitrletta_Syms_162 2.6 K_Infrom_Mitrletta_Syms_162 0.00003 K_Infrom_Mitrletta_Syms_162 0.00003 K_Infrom_Mitrletta_Syms_162 0.00003 K_Infrom_Mitrletta_Syms_162 0.00003 K_Infrom_Mitrletta_Syms_162 0.00003 K_Infrom_Mitrletta_Syms_162 0.00003 K_Infrom_Mitrly_Stable_Syms_1670[1] 814 L_FDD_ADDRollingTbYM_MitrlmPEadpS_untjp170[1] 1144 L_FDD_ADDRollingTbYM_MitrlmPEadpS_untjp170[1]	PreDecelGain_Uls_M_f32	
Prev2RdDrVel_RadpS_M_R32	Prev1PreAttnComp_MtrNm_M_f32	
Prev12sciDn/vel_RadpS_M_f32 -380.2 Prev15arAng_HWDeg_M_F32 -3.06 Rel_Inst_Ap_FrqDepDmpnInrtCmp tg_Rel_Inst_Ap_FrqDepDmpnInrtCmp TbarVelFillSv_M_str.SV_Uls_f32 -2.5 TbarVelFillSv_M_str.K_Uls_f32 -3.32 K_Cmn5yskinRatio_MtrDegpHwDeg_f32 -33.25 K_Cmn5yskinRatio_MtrDegpHwDeg_f32 -3.3.1 K_DmpDecelGain_Filsw_UlspS_f32 -3.1 K_DmpDecelGain_Filsw_UlspS_f32 -3.1 K_DmpDecelGain_Filsw_UlspS_f32 -3.2 K_DmpDecelGain_Filsw_UlspS_f32 -3.2 K_DmpDecelGain_Filsw_UlspS_f32 -3.2 K_DmpGainOffThresh_KphpS_f32 -3.2 K_DmpGainOffThresh_KphpS_f32 -3.2 K_DmpGainOffThresh_KphpS_f32 -3.2 K_InrtCmp_Mtrleria_KgmSq_f32 -3.0 K_InrtCmp_Mtrleria_KgmSq_f32 -3.0 K_InrtCmp_Mtrley_ScaleFactor_Uls_f32 -0.7 K_InrtCmp_Mtrley_ScaleFactor_Uls_f32 -0.7 K_InrtCmp_Mtrley_ScaleFactor_Uls_f32 -0.7 K_IPD_ADDRollingTbYM_MtrmpRadpS_um1p17[0][0] -704 K_IPD_ADDRollingTbYM_MtrmpRadpS_um1p17[0][1] -814 K_IPD_ADDRollingTbYM_MtrmpRadpS_um1p17[0][2] -924 K_IPD_ADDRollingTbYM_MtrmpRadpS_um1p17[0][2] -924 K_IPD_ADDRollingTbYM_MtrmpRadpS_um1p17[0][3] -924 K_IPD_ADDRollingTbYM_MtrmpRadpS_um1p17[0][4] -1144 K_IPD_ADDRollingTbYM_MtrmpRadpS_um1p17[0][5] -1254 K_IPD_ADDRollingTbYM_MtrmpRadpS_um1p17[0][6] -1364 K_IPD_ADDRollingTbYM_MtrmpRadpS_um1p17[0][6] -1364 K_IPD_ADDRollingTbYM_MtrmpRadpS_um1p17[0][6] -1364 K_IPD_ADDRollingTbYM_MtrmpRadpS_um1p17[0][6] -1365 K_IPD_ADDRollingTbYM_MtrmpRadpS	Prev1SclDrvVel_RadpS_M_f32	
PrevTbarAng_HwDeg_M_f32	Prev2PreAttnComp_MtrNm_M_f32	-1.1
Rte_Inst_Ap_FrqDepDmpnIntCmp	Prev2ScIDrvVel_RadpS_M_f32	-380.2
TabarVelFilitSv_M_str.K_Uls_732 0.4488	PrevTbarAng_HwDeg_M_f32	-3.06
ToarVelFillSv_M_str K_Uls_132 0.4488 k_cmnsyskinRatio_MtrDeppHvDeg_132 53.25 k_cmnbackiif_MmpDeg_132 3.1 k_cmnbackiif_MmpDeg_132 3.1 k_cmpDecelGain_Uls_132 2.6 k_cmpDecelGain_Uls_152 2.6 k_cmpGainOnThresh_KphpS_132 2.5 k_cmpGainOnThresh_KphpS_132 2.5 k_cmpGainOnThresh_KphpS_132 3.1 k_cmtCmp_MtrInterlia_KgmSq_132 3.0 k_cmtCmp_Mtrlow_ScaleFactor_Uls_132 0.00033 k_cmtCmp_Mtrlow_ScaleFactor_Uls_132 0.7 k_cmtCmp_Mtrlow_ScaleFactor_Uls_133 0.0 k_cmtCmp_Mtrlow_ScaleFactor_Uls_134 0.0 k_cmtCm	Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
k_CmnSyskinRatio_MtrDegPtWDeg_f32 53.25 k_CmnTbarSiff_NmpDeg_f32 3.1 k_DmpDecelGainFSlew_UlspS_f32 1900.08 k_DmpDecelGainFSlew_UlspS_f32 2.6 k_DmpGainOffThresh_KphpS_f32 2.6 k_DmpGainOffThresh_KphpS_f32 16.2 k_InrtCmp_MtrInertia_KgmSq_f32 0.000033 k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 0.7 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][0] 704 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][1] 814 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][2] 924 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][3] 1034 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][4] 1144 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][5] 1254 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][6] 1364 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][6] 1364 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][6] 1585 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][6] 523 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][1] 1038 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][1] 1038 2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][6] 268	TbarVelFiltSv_M_str.SV_Uls_f32	-2.5
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t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][1] 814 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][2] 924 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][3] 1034 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][4] 1144 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][5] 1254 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][6] 1364 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][7] 1475 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][8] 1585 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][9] 1695 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][0] 523 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][1] 1038 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][1] 1038 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][2] 1553 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][4] 2583 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][6] 3099 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][6] 361	t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] 924 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] 1034 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] 1144 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] 1254 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 1475 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 1585 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 1695 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 523 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 1038 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1553 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 2583 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3099 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 </td <td></td> <td>814</td>		814
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][9] 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][4] 2583 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614		924
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][2] 1553 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 2583 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3099 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614		1034
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 1585 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 1695 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 523 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 1038 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1553 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 2583 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3099 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4129 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4644 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 96		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 523 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 1038 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1553 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 2583 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3099 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4129 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4644 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 96		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 1038 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1553 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 2583 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3099 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4129 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4644 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 96		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1553 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 2583 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3099 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4129 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4644 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 96		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2068 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 2583 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3099 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4129 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4644 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 96		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 2583 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3099 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4129 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4644 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 96		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3099 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4129 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4644 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 96		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4129 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4644 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 96		
t2_FDD_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_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4644 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 96		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 96		
t2_FDD_FreqTblYM_Hz_u12p4[0][0] 96		
LZ FDD FIEGIDITM FIZ UIZP4[0][1] 112		
t2_FDD_FreqTblYM_Hz_u12p4[0][3] 144		
t2_FDD_FreqTblYM_Hz_u12p4[0][4] 160		
t2_FDD_FreqTblYM_Hz_u12p4[0][5] 176		
t2_FDD_FreqTblYM_Hz_u12p4[0][6] 192		
t2_FDD_FreqTblYM_Hz_u12p4[0][7] 208		
t2_FDD_FreqTblYM_Hz_u12p4[0][8] 224		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] 240		
t2_FDD_FreqTblYM_Hz_u12p4[0][10] 256		
t2_FDD_FreqTblYM_Hz_u12p4[0][11] 272		
t2_FDD_FreqTblYM_Hz_u12p4[1][0] 48		
t2_FDD_FreqTblYM_Hz_u12p4[1][1] 64		
t2_FDD_FreqTblYM_Hz_u12p4[1][2] 80		
t2_FDD_FreqTblYM_Hz_u12p4[1][3] 96	t2_FDD_FreqTblYM_Hz_u12p4[1][3]	96

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MACILO
Input Value
112
128
144
160
176
192
208
224
128
256
384 512
640
768
896
1024
1152
1280
1408
1536
12698
13107
13517
13926
14336
14746
15155
15565
15974
16384
30592
30624
30656
30688
30720
30752
448
456
464
472
480
488
3277
4915
6554
8192
9830
342
683
1024
1364
1705
2046
2387
2728
3068
3409
1760
1920
237
239
20
23
26
28
31
33
36
38
41

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	346		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	101		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	102		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	106		
t RIAstWIRBIndTblY Uls u2p14[0]	1638		
t RIAstWIRBIndTblY Uls u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t WIRBIndTblX MtrNm u8p8[0]	1434		
t WIRBIndTbIX MtrNm u8p8[1]	1459		
t_WIRBIndTblX_MtrNm_u8p8[2]	1485		
t WIRBIndTbIX MtrNm u8p8[3]	1510		
t WIRBIndTbIX MtrNm u8p8[4]	1536		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1.1		
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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC		r1 BaseAssistCmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorV			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp		: : : : : = = = :	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon/			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm		r1_WIRCmdAmpBlnd_MtrNm_f32	
Name	Actual Value		Result
PreDecelGain Uls M f32	45674 1992	Expected Value 45674 19984 + 0.0625	Result

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	~
tot FraDenDmonInrtCmp Per1 FraDenDmonInrtCmp MtrNm f32 value	0	0 + 0 00048828125	✓



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

Test Step 3.24 (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_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.2
TbarVelFiltSv_M_str.K_Uls_f32	0.5599
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.06
k_CmnTbarStiff_NmpDeg_f32	1.3
k_DmpDecelGainFSlew_UlspS_f32	200.09
k_DmpDecelGain_Uls_f32	2.8
k_DmpGainOffThresh_KphpS_f32	22.2
k_DmpGainOnThresh_KphpS_f32	24.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.00034
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1288
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1793
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475
	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1695
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	336
12_FDD_FreqTb YM_Hz_u12p4[0][0]	352
12_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
12_FDD_FreqTblYM_Hz_u12p4[0][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	512
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112

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Name	Input Value
2_FDD_FreqTblYM_Hz_u12p4[1][4]	128
2_FDD_FreqTblYM_Hz_u12p4[1][5]	144
2_FDD_FreqTblYM_Hz_u12p4[1][6]	160
2_FDD_FreqTblYM_Hz_u12p4[1][7]	176
2_FDD_FreqTblYM_Hz_u12p4[1][8]	192
2_FDD_FreqTblYM_Hz_u12p4[1][9]	208
2_FDD_FreqTblYM_Hz_u12p4[1][10]	224
2_FDD_FreqTblYM_Hz_u12p4[1][11]	240
_CmnVehSpd_Kph_u9p7[0]	2560
_CmnVehSpd_Kph_u9p7[1]	3840
_CmnVehSpd_Kph_u9p7[2]	5120
CmnVehSpd Kph u9p7[3]	6400
_CmnVehSpd_Kph_u9p7[4]	7680
_CmnVehSpd_Kph_u9p7[5]	8960
_CmnVehSpd_Kph_u9p7[6]	10240
_CmnVehSpd_Kph_u9p7[7]	11520
_CmnVehSpd_Kph_u9p7[8]	12800
	14080
_CmnVehSpd_Kph_u9p7[9]	15360
_CmnVehSpd_Kph_u9p7[10]	
_CmnVehSpd_Kph_u9p7[11]	16640
_DmpADDCoefX_MtrNm_u4p12[0]	16794
_DmpADDCoefX_MtrNm_u4p12[1]	17203
_DmpADDCoefX_MtrNm_u4p12[2]	17613
_DmpADDCoefX_MtrNm_u4p12[3]	18022
_DmpADDCoefX_MtrNm_u4p12[4]	18432
_DmpADDCoefX_MtrNm_u4p12[5]	18842
_DmpADDCoefX_MtrNm_u4p12[6]	19251
_DmpADDCoefX_MtrNm_u4p12[7]	19661
_DmpADDCoefX_MtrNm_u4p12[8]	20070
_DmpADDCoefX_MtrNm_u4p12[9]	20480
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424
_DmpDecelGainSlewY_UlspS_u13p3[0]	680
_DmpDecelGainSlewY_UlspS_u13p3[1]	688
DmpDecelGainSlewY UlspS u13p3[2]	696
DmpDecelGainSlewY UlspS u13p3[3]	704
	712
_DmpDecelGainSlewY_UlspS_u13p3[4]	
_DmpDecelGainSlewY_UlspS_u13p3[5]	720
_DmpFiltKpWIRBIndY_UIs_u2p14[0]	8192
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	328
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	494
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760
FDD_AttenTblX_MtrRadpS_u12p4[0]	2000
_FDD_AttenTblY_Uls_u8p8[0]	49
_FDD_AttenTblY_Uls_u8p8[1]	51
	49
FDD_BlendTblY_Uls_u8p8[0]	
FDD_BlendTblY_Uls_u8p8[1]	51
_FDD_BlendTblY_Uls_u8p8[2]	54
_FDD_BlendTbIY_Uls_u8p8[3]	57
_FDD_BlendTblY_Uls_u8p8[4]	60
_FDD_BlendTblY_Uls_u8p8[5]	63
_FDD_BlendTblY_Uls_u8p8[6]	66
_FDD_BlendTblY_Uls_u8p8[7]	68
FDD_BlendTblY_Uls_u8p8[8]	71
FDD_BlendTblY_Uls_u8p8[9]	74
_FDD_BlendTblY_Uls_u8p8[10]	77

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269		
	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_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	9830		
t_WIRBIndTblX_MtrNm_u8p8[0]	1690		
t_WIRBIndTblX_MtrNm_u8p8[1]	1715		
t_WIRBIndTblX_MtrNm_u8p8[2]	1741		
t_WIRBIndTblX_MtrNm_u8p8[3]	1766		
t 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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmc	tgt_FrqDepDmpnInrtCmp Per1 BaseAssist0	Cmd_MtrNm_f32	
tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwf			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce			
tgt Rte inst Ap FrquepumpnintCmp.FrquepumpnintCmp Per1 VenicleSpeed i	i igi i iqbepbilipilililicilib Feli velilciesbet		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI			

2			
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	-8 80000019	-8.8 + 0.00048828125	✓



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

Test Step 3.25 (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_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_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1793
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	784
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	800
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	832
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	240	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	256	
_CmnVehSpd_Kph_u9p7[0]	6784	
_CmnVehSpd_Kph_u9p7[1]	6912	
_CmnVehSpd_Kph_u9p7[2]	7040	
CmnVehSpd_Kph_u9p7[3]	7168	
_CmnVehSpd_Kph_u9p7[4]	7296	
CmnVehSpd_Kph_u9p7[5]	7424	
_CmnVehSpd_Kph_u9p7[6]	7552	
_CmnVehSpd_Kph_u9p7[7]	7680	
_CmnVehSpd_Kph_u9p7[8]	7808	
	7936	
_CmnVehSpd_Kph_u9p7[9]	8064	
_CmnVehSpd_Kph_u9p7[10]		
_CmnVehSpd_Kph_u9p7[11]	8192	
_DmpADDCoefX_MtrNm_u4p12[0]	20890	
_DmpADDCoefX_MtrNm_u4p12[1]	21299	
_DmpADDCoefX_MtrNm_u4p12[2]	21709	
_DmpADDCoefX_MtrNm_u4p12[3]	22118	
_DmpADDCoefX_MtrNm_u4p12[4]	22528	
_DmpADDCoefX_MtrNm_u4p12[5]	22938	
_DmpADDCoefX_MtrNm_u4p12[6]	23347	
_DmpADDCoefX_MtrNm_u4p12[7]	23757	
_DmpADDCoefX_MtrNm_u4p12[8]	24166	
_DmpADDCoefX_MtrNm_u4p12[9]	24576	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1536	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1544	
DmpDecelGainSlewY_UlspS_u13p3[2]	1552	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1560	
_DmpDecelGainGlewY_UlspS_u13p3[4]	1568	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1576	
	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]		
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	494	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1920	
FDD_AttenTblX_MtrRadpS_u12p4[1]	2080	
FDD_AttenTblY_Uls_u8p8[0]	65	
FDD_AttenTblY_Uls_u8p8[1]	68	
FDD_BlendTbIY_Uls_u8p8[0]	65	
FDD_BlendTblY_Uls_u8p8[1]	68	
FDD_BlendTblY_Uls_u8p8[2]	70	
	73	
FDD_BlendTblY_Uls_u8p8[3]		
FDD_BlendTblY_Uls_u8p8[4]	75	
FDD_BlendTblY_Uls_u8p8[5]	78	
FDD_BlendTblY_Uls_u8p8[6]	80	
_FDD_BlendTbIY_Uls_u8p8[7]	83	
FDD_BlendTbIY_Uls_u8p8[8]	86	
_FDD_BlendTblY_Uls_u8p8[9]	88	
_FDD_BlendTblY_Uls_u8p8[10]	91	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	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 Uls u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t WIRBIndTbIX MtrNm u8p8[1]	1920		
t WIRBIndTbIX MtrNm u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-2.2		
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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE			
Name	Actual Value	Expected Value	Resul
	1111		Resul
PreDecelGain_Uls_M_f32	127730.086	127730.0849 ± 0.0625	

20			
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	✓



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

Test Step 3.26 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	127832.66
Prev1PreAttnComp_MtrNm_M_f32	7.5
Prev1SclDrvVel_RadpS_M_f32	-1100.2
Prev2PreAttnComp_MtrNm_M_f32	8.1
Prev2SclDrvVel_RadpS_M_f32	-36.2
PrevTbarAng_HwDeg_M_f32	0.8
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5
TbarVelFiltSv_M_str.K_Uls_f32	0.2365
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.12
k_CmnTbarStiff_NmpDeg_f32	3.1
k DmpDecelGainFSlew UlspS f32	200.02
k_DmpDecelGain_Uls_f32	3.9
k_DmpGainOffThresh_KphpS_f32	15.2
k_DmpGainOnThresh_KphpS_f32	40.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00036
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89
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[0][0]	1066
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387
12_FDD_FreqTblYM_Hz_u12p4[0][0]	1296
2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312
2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328
2_FDD_FreqTblYM_Hz_u12p4[0][3]	1344
2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360
2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376
2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392
2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408
2_FDD_FreqTblYM_Hz_u12p4[0][8]	1424
2_FDD_FreqTbIYM_Hz_u12p4[0][9]	1440
2_FDD_FreqTblYM_Hz_u12p4[0][10]	1456
2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472
l2_FDD_FreqTblYM_Hz_u12p4[1][0]	96
l2_FDD_FreqTblYM_Hz_u12p4[1][1]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	240	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	256	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	272	
_CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
CmnVehSpd_Kph_u9p7[5]	768	
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
_CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
CmnVehSpd Kph u9p7[10]	1408	
CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	24986	
_DmpADDCoefX_MtrNm_u4p12[1]	25395	
_DmpADDCoefX_MtrNm_u4p12[2]	25805	
_DmpADDCoefX_MtrNm_u4p12[3]	26214	
_DmpADDCoefX_MtrNm_u4p12[4]	26624	
_DmpADDCoefX_MtrNm_u4p12[5]	27034	
_DmpADDCoefX_MtrNm_u4p12[6]	27443	
_DmpADDCoefX_MtrNm_u4p12[7]	27853	
_DmpADDCoefX_MtrNm_u4p12[8]	28262	
_DmpADDCoefX_MtrNm_u4p12[9]	28672	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480	
_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]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1608	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2455	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2878	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3302	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3725	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4148	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	4995	
_FDD_ADDStaticTbIY_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	
FDD_BlendTblY_Uls_u8p8[7]	111	
	114	
_FDD_BlendTblY_Uls_u8p8[8]	116	
_FDD_BlendTblY_Uls_u8p8[9]		
_FDD_BlendTblY_Uls_u8p8[10]	119	
:_FDD_BlendTblY_Uls_u8p8[11]	122	

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Name	Input Value			
t InrtCmp ScaleFactorTblY Uls u9p7[0]	26			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]		51		
t InrtCmp ScaleFactorTblY Uls u9p7[3]	64			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77			
t InrtCmp ScaleFactorTblY Uls u9p7[5]	90			
t InrtCmp ScaleFactorTblY Uls u9p7[6]	102			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154			
t InrtCmp ScaleFactorTblY Uls u9p7[11]	166			
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	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_RIAstWIRBIndTblY_UIs_u2p14[1]	8192			
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830			
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469			
t RIAstWIRBIndTbIY Uls u2p14[4]	13107			
t_WIRBIndTbIX_MtrNm_u8p8[0]	794			
t_WIRBIndTbIX_MtrNm_u8p8[1]	819			
t_WIRBIndTbIX_MtrNm_u8p8[2]	845			
t_WIRBIndTbIX_MtrNm_u8p8[3]	870			
t 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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC		1 BaseAssistCmd MtrNm f32		
tgt Rte Inst Ap FrgDepDmpnInrtCmp.FrgDepDmpnInrtCmp Per1 CRFMotorVe				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm				
tgt Rte Inst Ap FrgDepDmpnInrtCmp.FrgDepDmpnInrtCmp Per1 FrgDepDmpn				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_F				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee				
	WIRCmdAmpBl tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32			
Name	Actual Value	Expected Value	Resul	
PreDecelGain_Uls_M_f32	127832.258	127832.26 ± 0.0625	Nesun	
Prov1ProAttnComp MtrNm M f22	2226054.25	127632.20 ± 0.0023		

@C	h- 1317 . 14- 14		
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 FrgDepDmpnInrtCmp Per1 FrgDepDmpnInrtCmp MtrNm f32 value	0	0 + 0 00048828125	✓



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

Test Step 3.27 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	127934.635
Prev1PreAttnComp_MtrNm_M_f32	-7.5
Prev1SclDrvVel_RadpS_M_f32	250.05
Prev2PreAttnComp_MtrNm_M_f32	-7.7
Prev2SclDrvVel_RadpS_M_f32	11.5
PrevTbarAng_HwDeg_M_f32	-0.51
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	5.5
TbarVelFiltSv_M_str.K_Uls_f32	0.35874
k CmnSysKinRatio MtrDegpHwDeg f32	75.12
k_CmnTbarStiff_NmpDeg_f32	4.8
k DmpDecelGainFSlew UlspS f32	300.03
k_DmpDecelGain_Uls_f32	3.7
k_DmpGainOffThresh_KphpS_f32	20.2
k_DmpGainOnThresh_KphpS_f32	48.2
LintCmp_MtrInertia_KgmSq_f32	0.00037
<pre>c_intCmp_MtrVel_ScaleFactor_Uls_f32</pre>	0.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340
12 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][5]	2568
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990
	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774
2_FDD_ADDROWNINGTOFTM_MUNUMPRAUPS_UNTTPT7[1][8] 2 FDD FreqTblYM Hz u12p4[0][0]	1136
	1152
2_FDD_FreqTblYM_Hz_u12p4[0][1]	1168
2_FDD_FreqTblYM_Hz_u12p4[0][2]	1184
12_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
2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312
2_FDD_FreqTblYM_Hz_u12p4[1][0]	336
12_FDD_FreqTbIYM_Hz_u12p4[1][1]	352
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368
2_FDD_FreqTblYM_Hz_u12p4[1][3]	384

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 		M
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	400	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	416	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	432	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	448	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	464	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	480	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	496	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	512	
_CmnVehSpd_Kph_u9p7[0]	2560	
_CmnVehSpd_Kph_u9p7[1]	3840	
CmnVehSpd_Kph_u9p7[2]	5120	
CmnVehSpd Kph u9p7[3]	6400	
_CmnVehSpd_Kph_u9p7[4]	7680	
	8960	
_CmnVehSpd_Kph_u9p7[5]		
_CmnVehSpd_Kph_u9p7[6]	10240	
CmnVehSpd_Kph_u9p7[7]	11520	
_CmnVehSpd_Kph_u9p7[8]	12800	
CmnVehSpd_Kph_u9p7[9]	14080	
CmnVehSpd_Kph_u9p7[10]	15360	
CmnVehSpd_Kph_u9p7[11]	16640	
DmpADDCoefX_MtrNm_u4p12[0]	28262	
_DmpADDCoefX_MtrNm_u4p12[1]	28672	
_DmpADDCoefX_MtrNm_u4p12[2]	29082	
_DmpADDCoefX_MtrNm_u4p12[3]	29491	
_DmpADDCoefX_MtrNm_u4p12[4]	29901	
_DmpADDCoefX_MtrNm_u4p12[5]	30310	
_DmpADDCoefX_MtrNm_u4p12[6]	30720	
_DmpADDCoefX_MtrNm_u4p12[7]	31130	
DmpADDCoefX_MtrNm_u4p12[8]	31539	
DmpADDCoefX_MtrNm_u4p12[9]	31949	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1208	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1216	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1224	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1232	
_DmpDecelGainSlewY_UlspS_u13p3[4]	1240	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1248	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	1789	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471	
FDD ADDStaticTblY MtrNmpRadpS um1p17[3]	2811	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493	
FDD ADDStaticTblY MtrNmpRadpS um1p17[6]	3834	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] FDD ADDStaticTblY MtrNmpRadpS_um1p17[7]	4175	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1680	
FDD_AttenTblX_MtrRadpS_u12p4[1]	2240	
FDD_AttenTblY_Uls_u8p8[0]	116	
FDD_AttenTblY_Uls_u8p8[1]	118	
FDD_BlendTbIY_Uls_u8p8[0]	116	
FDD_BlendTbIY_Uls_u8p8[1]	118	
FDD_BlendTbIY_Uls_u8p8[2]	121	
FDD_BlendTblY_Uls_u8p8[3]	123	
FDD_BlendTblY_Uls_u8p8[4]	126	
FDD_BlendTblY_Uls_u8p8[5]	129	
FDD_BlendTblY_Uls_u8p8[6]	131	
FDD_BlendTblY_Uls_u8p8[7]	134	
	136	
FDD_BlendTblY_Uls_u8p8[8]		
_FDD_BlendTblY_Uls_u8p8[9]	139	
_FDD_BlendTblY_Uls_u8p8[10]	141	
_FDD_BlendTblY_Uls_u8p8[11]	144	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	46		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	50		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	60		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_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_WIRBIndTblX_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_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-2.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	50		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	290.01		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.3		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmpnI			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			
Name	Actual Value	Expected Value	Resul
PreDecelGain Uls M f32	127934.031	127934.0349 ± 0.0625	Ivesui
FIEDEGEIGAIII_UI3_IVI_I32	121 334.031	12/934.U349 ± U.U023	

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127934.031	127934.0349 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	415103.719	415103.7843 ± 0.9	~
Prev1SclDrvVel_RadpS_M_f32	-164.116653	-164.1166652 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-7.5	-7.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	250.050003	250.05 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-0.520833313	-0.520833333 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.58375692	1.583755 ± 0.00390625	~
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	8 80000019	8 8 + 0 00048828125	✓



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

Test Step 3.28 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	128036.61
Prev1PreAttnComp_MtrNm_M_f32	8.5
Prev1SclDrvVel_RadpS_M_f32	5000.03
Prev2PreAttnComp_MtrNm_M_f32	7.7
Prev2SclDrvVel_RadpS_M_f32	-38.3
PrevTbarAng_HwDeg_M_f32	0.66
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2568
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	2796
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	3024
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	3252
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	3480
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176
t2 FDD FreqTbIYM Hz u12p4[0][1]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224
	240
t2_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][5]	256
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	272
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	288 304
tz_FDD_FreqTbIYM_Hz_u12p4[0][8] t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	320
:	336
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	352
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704

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FrqDepDmpnInrtCmp_	Per1

Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	720	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	736	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	752	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	768	
2 FDD FreqTblYM Hz u12p4[1][8]	784	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	800	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	816	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	832	
_CmnVehSpd_Kph_u9p7[0]	12800	
_CmnVehSpd_Kph_u9p7[1]	12928	
CmnVehSpd Kph u9p7[2]	13056	
CmnVehSpd Kph u9p7[3]	13184	
_CmnVehSpd_Kph_u9p7[4]	13312	
	13440	
_CmnVehSpd_Kph_u9p7[5]		
_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]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
DmpADDCoefX_MtrNm_u4p12[8]	7782	
DmpADDCoefX_MtrNm_u4p12[9]	8192	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
	4000	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]		
_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]	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	
	3725	
FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5] 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]	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_BlendTblY_Uls_u8p8[1]	146	
FDD_BlendTblY_Uls_u8p8[2]	149	
FDD_BlendTblY_Uls_u8p8[3]	152	
FDD_BlendTblY_Uls_u8p8[4]	154	
FDD_BlendTblY_Uls_u8p8[5]	157	
	159	
FDD_BlendTblY_Uls_u8p8[6]		
FDD_BlendTblY_Uls_u8p8[7]	162	
FDD_BlendTblY_Uls_u8p8[8]	164	
_FDD_BlendTblY_Uls_u8p8[9]	167	
_FDD_BlendTblY_Uls_u8p8[10]	169	
_FDD_BlendTblY_Uls_u8p8[11]	172	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
	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		
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	72		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	76		
RIAstWIRBIndTbiY Uls u2p14[0]	6554		
RIAstWIRBIndTbIY UIs u2p14[1]	8192		
_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
:_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469		
RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
: WIRBIndTbIX MtrNm u8p8[0]	1306		
_WIRBIndTbIX_MtrNm_u8p8[1]	1331		
:_WIRBIndTbIX_MtrNm_u8p8[2]	1357		
: WIRBIndTbIX MtrNm u8p8[3]	1382		
WIRBINDT DIX_MUNIT_uopo[3] WIRBINDT DIX_MUNIT_uopo[3]	1408		
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	4.4		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	650.01		
gt_FrqDepDmpnInrtCmp_Fer1_CKFwlotol ver_wittRaup3_132.value gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrtComSvcbit_Cmt_igc.value gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	3.5		
	0		
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value			
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	305.05		
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	2.3	tCond Minhlon 600	
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCr			
igt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			
Name	Actual Value	Expected Value	Resu
ProDocalCoin IIIa M f22	120026 406	120026 4000 + 0 0625	

	02 1 1 1 1 1 2		
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	~
tot FroDenDmnnInrtCmn Per1 FroDenDmnnInrtCmn MtrNm f32 value	8 80000019	8 8 + 0 00048828125	V



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

Probacker Prob	T4 04 0 00 (D4 04 4)	
PinDecidian U.S. M. 52	Test Step 3.29 (Repeat Count = 1)	·
Piew Pre/stanComp, Michin, M., 192 8.5		
Prev15ch2MCD Mith M 32	PreDecelGain_Uls_M_f32	128138.585
PiewZPeAMComp MRNm M, M, M, S2	Prev1PreAttnComp_MtrNm_M_f32	
PrevStarAng_HnOge_M_132	Prev1SclDrvVel_RadpS_M_f32	-26.3
Piev1barkog_McSeq_McSeq_ Inst_Ap_FrqDepDmpnIntCmp	Prev2PreAttnComp_MtrNm_M_f32	-6.6
Rel_Inst_Ap_FrqDepDmpnInrtCmp	Prev2ScIDrvVel_RadpS_M_f32	175.2
Than/selfistory_M. str. K. U.Is. 132 K. CmmSyskinfata_Introoppin/Deg/32 K. CmmCastistir_MmpDeg/122 K. DmpCaelodimrStew_Uispo_132 K. DmpCaelodimrStew_Uispo_132 K. DmpCaelodimrStew_Uispo_132 K. DmpCaelodimrStew_Uispo_132 K. DmpCaelodimrStew_Uispo_132 K. DmpCaelodimrStew_Uispo_132 K. Intromp_Mirloretia_KgmSq_132 K. Intromp_Mirloretia_Kg	PrevTbarAng_HwDeg_M_f32	-0.51
Thardrefflist M str K Uis 32	Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
k, Cmn7bas0iff NmpDeg_152 6.8 k, Cmm7bas0iff NmpDeg_152 6.8 k, DmpDecelGainr/Siew, Ulsp5_152 200.02 k, DmpDecelGain, Uls_162 5.9 k, DmpDeainr/Simesh, KphpS_132 30.2 k, DmpCainr/Simesh, KphpS_132 8.3 k, IntrCmp, Mirrhertak, KgmSq_152 0.000309 k, IntrCmp, Mirrhertak, KgmSq_152 0.1 k, IntrCmp, Mirrhertak, KgmSq_152 0.1 L2, FDD, ADDRolling TbMM, MirrhymRadpSg_umfp170[0] 1789 L2, FDD, ADDRolling TbMM, MirrhymRadpSg_umfp170[0] 1789 L2, FDD, ADDRolling TbMM, MirrhymRadpSg_umfp170[0] 219 L2, FDD, ADDRolling TbMM, MirrhymRadpSg_umfp170[0] 3152 L2, FDD, ADDRolling TbMM, MirrhymRadpSg_umfp170[0] 3152 L2, FDD, ADDRolling TbMM, MirrhymRadpSg_umfp170[0] 3493 L2, FDD, ADDRolling TbMM, MirrhymRadpSg_umfp170[0] 3834 L2, FDD, ADDRolling TbMM, MirrhymRadpSg_umfp170[0] 4176 L2, FDD, ADDRolling TbMM, MirrhymRadpSg_umfp170[0] 4856 L2, FDD, ADDRolling TbMM, MirrhymRadpSg_umfp170[0] 4856 L2, FDD, ADDRolling TbMM, MirrhymRadpSg_umfp171[1] 2032 L2, FDD, ADDRolling TbMM, Mirr	TbarVelFiltSv_M_str.SV_Uls_f32	6.1
K. CmmDacelGainFSiew_Uipsg_132 6.8 k. CmmDacelGainFSiew_Uipsg_132 200.02 k. DmpDecelGainFSiew_Uipsg_132 5.9 k. DmpCannOfThresh_KphpS_122 30.2 k. DmpCannOfThresh_KphpS_122 8.3 k. IntrCmp_Mitrinesh_KgmSq_152 0.00039 k. IntrCmp_Mitrinesh_KgmSq_152 0.00039 k. IntrCmp_Mitrinesh_KgmSq_152 0.1 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[0][0] 1789 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[0][2] 2471 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[0][3] 2811 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[0][4] 3152 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[0][6] 3493 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[0][6] 3834 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[0][6] 4175 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[0][6] 4176 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[1][6] 4186 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[1][6] 4266 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[1][6] 4188 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[1][6] 3725 12-FDQ_ADDRallingTbYM_MtrXmpRadps_um1p17[1][6]	TbarVelFiltSv_M_str.K_Uls_f32	0.58963
Non-pipecelCain-Usin Size	k_CmnSysKinRatio_MtrDegpHwDeg_f32	28.12
K_DmpDecelGain_Uls_G32 5.9 K_DmpGainOfTrresh_KphpS_f32 30.2 K_DmpGainOfTrresh_KphpS_f32 8.3 K_InfCmp_Mtrheetla_KgmSq_f32 0.00039 K_InfCmp_Mtrheetla_KgmSq_f32 0.00039 L_InfCmp_Mtrheetla_KgmSq_f32 0.1 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(0)[0] 1789 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(0)[1] 2130 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(0)[3] 2811 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(0)[4] 3152 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(0)[6] 3834 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(0)[6] 3834 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(0)[8] 4115 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(0)[8] 4515 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(0)[8] 4516 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(1)[8] 4566 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(1)[8] 456 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(1)[8] 2455 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(1)[8] 3932 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1p17(1)[8] 3926 12_FDD_ADDRollingTbYM_MtrhmpRadpS_um1	k_CmnTbarStiff_NmpDeg_f32	6.8
K_DmpGainOffTreeh_KphpS_132 83 K_DmpGainOffTreeh_KphpS_132 83 K_InfrCmp_Mitrelat_KgmSq_1732 0.00039 K_InfrCmp_Mitrelat_KgmSq_1732 0.1 V_InfrCmp_Mitrelat_KgmSq_1732 0.1 V_InfrCmp_Mitrelat_KgmSq_1732 0.1 V_InfrCmp_Mitrelat_KgmSq_1734 0.00039 V_Infract_KgmSq_1734 0.00039 V_Infract_KgmSq_17	k_DmpDecelGainFSlew_UlspS_f32	200.02
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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][7] 4572 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 496 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 512 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 528 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 544 t2_FDD_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][6] 592 t2_FDD_FreqTblYM_Hz_u12p4[0][8] 624 t2_FDD_FreqTblYM_Hz_u12p4[0][8] 624 t2_FDD_FreqTblYM_Hz_u12p4[0][8] 624 t2_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
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] 5 3725 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1] 6 4148 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1] 7 4572 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1] 8 4995 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1] 8 4995 12_FDD_FreqTbiYM_Hz_u12p4[0] 0 496 12_FDD_FreqTbiYM_Hz_u12p4[0] 1 512 12_FDD_FreqTbiYM_Hz_u12p4[0] 2 528 12_FDD_FreqTbiYM_Hz_u12p4[0] 3 544 12_FDD_FreqTbiYM_Hz_u12p4[0] 4 560 12_FDD_FreqTbiYM_Hz_u12p4[0] 5 576 12_FDD_FreqTbiYM_Hz_u12p4[0] 6 592 12_FDD_FreqTbiYM_Hz_u12p4[0] 6 592 12_FDD_FreqTbiYM_Hz_u12p4[0] 8 624 12_FDD_FreqTbiYM_Hz_u12p4[0] 8 640 12_FDD_FreqTbiYM_H		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2878 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_FreqTblYM_Hz_u12p4[0][0] 496 12_FDD_FreqTblYM_Hz_u12p4[0][1] 512 12_FDD_FreqTblYM_Hz_u12p4[0][2] 528 12_FDD_FreqTblYM_Hz_u12p4[0][3] 544 12_FDD_FreqTblYM_Hz_u12p4[0][4] 560 12_FDD_FreqTblYM_Hz_u12p4[0][5] 576 12_FDD_FreqTblYM_Hz_u12p4[0][6] 592 12_FDD_FreqTblYM_Hz_u12p4[0][6] 608 12_FDD_FreqTblYM_Hz_u12p4[0][8] 624 12_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
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_FreqTblYM_Hz_u12p4[0][0] 5419 12_FDD_FreqTblYM_Hz_u12p4[0][1] 512 12_FDD_FreqTblYM_Hz_u12p4[0][2] 528 12_FDD_FreqTblYM_Hz_u12p4[0][3] 544 12_FDD_FreqTblYM_Hz_u12p4[0][4] 560 12_FDD_FreqTblYM_Hz_u12p4[0][6] 576 12_FDD_FreqTblYM_Hz_u12p4[0][6] 592 12_FDD_FreqTblYM_Hz_u12p4[0][7] 608 12_FDD_FreqTblYM_Hz_u12p4[0][8] 624 12_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3725 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 4148 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4572 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419 12_FDD_FreqTblYM_Hz_u12p4[0][0] 496 12_FDD_FreqTblYM_Hz_u12p4[0][1] 512 12_FDD_FreqTblYM_Hz_u12p4[0][2] 528 12_FDD_FreqTblYM_Hz_u12p4[0][3] 544 12_FDD_FreqTblYM_Hz_u12p4[0][4] 560 12_FDD_FreqTblYM_Hz_u12p4[0][5] 576 12_FDD_FreqTblYM_Hz_u12p4[0][6] 592 12_FDD_FreqTblYM_Hz_u12p4[0][7] 608 12_FDD_FreqTblYM_Hz_u12p4[0][8] 624 12_FDD_FreqTblYM_Hz_u12p4[0][8] 624 12_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 4148 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4572 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 496 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 512 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 528 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 544 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 560 t2_FDD_FreqTblYM_Hz_u12p4[0][5] 576 t2_FDD_FreqTblYM_Hz_u12p4[0][6] 592 t2_FDD_FreqTblYM_Hz_u12p4[0][7] 608 t2_FDD_FreqTblYM_Hz_u12p4[0][8] 624 t2_FDD_FreqTblYM_Hz_u12p4[0][8] 624 t2_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4572 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419 12_FDD_FreqTblYM_Hz_u12p4[0][0] 496 12_FDD_FreqTblYM_Hz_u12p4[0][1] 512 12_FDD_FreqTblYM_Hz_u12p4[0][2] 528 12_FDD_FreqTblYM_Hz_u12p4[0][3] 544 12_FDD_FreqTblYM_Hz_u12p4[0][4] 560 12_FDD_FreqTblYM_Hz_u12p4[0][5] 576 12_FDD_FreqTblYM_Hz_u12p4[0][6] 592 12_FDD_FreqTblYM_Hz_u12p4[0][7] 608 12_FDD_FreqTblYM_Hz_u12p4[0][8] 624 12_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 496 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 512 t2_FDD_FreqTblYM_Hz_u12p4[0][2] 528 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 544 t2_FDD_FreqTblYM_Hz_u12p4[0][4] 560 t2_FDD_FreqTblYM_Hz_u12p4[0][5] 576 t2_FDD_FreqTblYM_Hz_u12p4[0][6] 592 t2_FDD_FreqTblYM_Hz_u12p4[0][7] 608 t2_FDD_FreqTblYM_Hz_u12p4[0][8] 624 t2_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419 12_FDD_FreqTblYM_Hz_u12p4[0][0] 496 12_FDD_FreqTblYM_Hz_u12p4[0][1] 512 12_FDD_FreqTblYM_Hz_u12p4[0][2] 528 12_FDD_FreqTblYM_Hz_u12p4[0][3] 544 12_FDD_FreqTblYM_Hz_u12p4[0][4] 560 12_FDD_FreqTblYM_Hz_u12p4[0][5] 576 12_FDD_FreqTblYM_Hz_u12p4[0][6] 592 12_FDD_FreqTblYM_Hz_u12p4[0][7] 608 12_FDD_FreqTblYM_Hz_u12p4[0][8] 624 12_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
t2_FDD_FreqTbIYM_Hz_u12p4[0][0] 496 t2_FDD_FreqTbIYM_Hz_u12p4[0][1] 512 t2_FDD_FreqTbIYM_Hz_u12p4[0][2] 528 t2_FDD_FreqTbIYM_Hz_u12p4[0][3] 544 t2_FDD_FreqTbIYM_Hz_u12p4[0][4] 560 t2_FDD_FreqTbIYM_Hz_u12p4[0][5] 576 t2_FDD_FreqTbIYM_Hz_u12p4[0][6] 592 t2_FDD_FreqTbIYM_Hz_u12p4[0][7] 608 t2_FDD_FreqTbIYM_Hz_u12p4[0][8] 624 t2_FDD_FreqTbIYM_Hz_u12p4[0][9] 640		
12_FDD_FreqTblYM_Hz_u12p4[0][1] 512 12_FDD_FreqTblYM_Hz_u12p4[0][2] 528 12_FDD_FreqTblYM_Hz_u12p4[0][3] 544 12_FDD_FreqTblYM_Hz_u12p4[0][4] 560 12_FDD_FreqTblYM_Hz_u12p4[0][5] 576 12_FDD_FreqTblYM_Hz_u12p4[0][6] 592 12_FDD_FreqTblYM_Hz_u12p4[0][7] 608 12_FDD_FreqTblYM_Hz_u12p4[0][8] 624 12_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
12_FDD_FreqTblYM_Hz_u12p4[0][2] 528 12_FDD_FreqTblYM_Hz_u12p4[0][3] 544 12_FDD_FreqTblYM_Hz_u12p4[0][4] 560 12_FDD_FreqTblYM_Hz_u12p4[0][5] 576 12_FDD_FreqTblYM_Hz_u12p4[0][6] 592 12_FDD_FreqTblYM_Hz_u12p4[0][7] 608 12_FDD_FreqTblYM_Hz_u12p4[0][8] 624 12_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
12_FDD_FreqTblYM_Hz_u12p4[0][3] 544 12_FDD_FreqTblYM_Hz_u12p4[0][4] 560 12_FDD_FreqTblYM_Hz_u12p4[0][5] 576 12_FDD_FreqTblYM_Hz_u12p4[0][6] 592 12_FDD_FreqTblYM_Hz_u12p4[0][7] 608 12_FDD_FreqTblYM_Hz_u12p4[0][8] 624 12_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
12_FDD_FreqTblYM_Hz_u12p4[0][4] 560 12_FDD_FreqTblYM_Hz_u12p4[0][5] 576 12_FDD_FreqTblYM_Hz_u12p4[0][6] 592 12_FDD_FreqTblYM_Hz_u12p4[0][7] 608 12_FDD_FreqTblYM_Hz_u12p4[0][8] 624 12_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
12_FDD_FreqTblYM_Hz_u12p4[0][5] 576 12_FDD_FreqTblYM_Hz_u12p4[0][6] 592 12_FDD_FreqTblYM_Hz_u12p4[0][7] 608 12_FDD_FreqTblYM_Hz_u12p4[0][8] 624 12_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
12_FDD_FreqTblYM_Hz_u12p4[0][6] 592 12_FDD_FreqTblYM_Hz_u12p4[0][7] 608 12_FDD_FreqTblYM_Hz_u12p4[0][8] 624 12_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
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][8] 624 t2_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] 640		
40 EDD FTh//// 1140-4[0][40]		
12_FDD_FreqTbIYM_Hz_u12p4[0][10] 656		
t2_FDD_FreqTblYM_Hz_u12p4[0][11] 672		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]		
12_FDD_FreqTbIYM_Hz_u12p4[1][1] 1312		
12_FDD_FreqTbIYM_Hz_u12p4[1][2] 1328		
t2_FDD_FreqTbIYM_Hz_u12p4[1][3] 1344	t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344

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Name	Input Value
2_FDD_FreqTblYM_Hz_u12p4[1][4]	1360
2_FDD_FreqTblYM_Hz_u12p4[1][5]	1376
2_FDD_FreqTblYM_Hz_u12p4[1][6]	1392
2_FDD_FreqTblYM_Hz_u12p4[1][7]	1408
2_FDD_FreqTblYM_Hz_u12p4[1][8]	1424
2_FDD_FreqTblYM_Hz_u12p4[1][9]	1440
12_FDD_FreqTblYM_Hz_u12p4[1][10]	1456
2_FDD_FreqTblYM_Hz_u12p4[1][11]	1472
t_CmnVehSpd_Kph_u9p7[0]	15488
t_CmnVehSpd_Kph_u9p7[1]	15616
t_CmnVehSpd_Kph_u9p7[2]	15744
t_CmnVehSpd_Kph_u9p7[3]	15872
t_CmnVehSpd_Kph_u9p7[4]	16000
	16128
t_CmnVehSpd_Kph_u9p7[5]	
t_CmnVehSpd_Kph_u9p7[6]	16256
_CmnVehSpd_Kph_u9p7[7]	16384
CmnVehSpd_Kph_u9p7[8]	16512
CmnVehSpd_Kph_u9p7[9]	16640
CmnVehSpd_Kph_u9p7[10]	16768
CmnVehSpd_Kph_u9p7[11]	16896
:_DmpADDCoefX_MtrNm_u4p12[0]	8602
_DmpADDCoefX_MtrNm_u4p12[1]	9011
t_DmpADDCoefX_MtrNm_u4p12[2]	9421
_DmpADDCoefX_MtrNm_u4p12[3]	9830
_DmpADDCoefX_MtrNm_u4p12[4]	10240
t_DmpADDCoefX_MtrNm_u4p12[5]	10650
t_DmpADDCoefX_MtrNm_u4p12[6]	11059
_DmpADDCoefX_MtrNm_u4p12[7]	11469
	11878
DmpADDCoefX_MtrNm_u4p12[9]	12288
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192
mpDecelGainSlewX_MtrRadpS_u11p5[1]	4224
:_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256
:_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416
t DmpDecelGainSlewY UlspS u13p3[2]	2424
_ , _ , _ ,	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554
:_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834
	4175
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616
_FDD_AtterFbiX_MtrRadpS_u12p4[0]	2400
_FDD_AttenTblY_Uls_u8p8[0]	172
	172
_FDD_AttenTblY_Uls_u8p8[1]	
_FDD_BlendTblY_Uls_u8p8[0]	172
_FDD_BlendTblY_Uls_u8p8[1]	174
_FDD_BlendTblY_Uls_u8p8[2]	176
_FDD_BlendTblY_Uls_u8p8[3]	178
_FDD_BlendTblY_Uls_u8p8[4]	180
_FDD_BlendTblY_Uls_u8p8[5]	183
_FDD_BlendTblY_Uls_u8p8[6]	185
_FDD_BlendTblY_Uls_u8p8[7]	187
_FDD_BlendTblY_Uls_u8p8[8]	189
_FDD_BlendTblY_Uls_u8p8[9]	191
t_FDD_BlendTblY_Uls_u8p8[10]	193

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	88		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	90		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	91		
t RIAstWIRBIndTblY Uls u2p14[0]	1638		
t RIAstWIRBIndTbIY 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]	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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmo		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	· - · · ·		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB		- · -	
	Actual Value		Bacil
Name	Actual value	Expected Value	Result

a			
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	✓
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	0	0 + 0 00048828125	✓



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

Test Step 3.30 (Repeat Count = 1)	van de la companya d
Name	Input Value
PreDecelGain_Uls_M_f32	128240.56
Prev1PreAttnComp_MtrNm_M_f32	1.3
Prev1ScIDrvVel RadpS M f32	18.2
Prev2PreAttnComp MtrNm M f32	6.6
Prev2SclDrvVel_RadpS_M_f32	-120.8
PrevTbarAng_HwDeg_M_f32	20
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.63214
k CmnSysKinRatio MtrDegpHwDeg f32	85.13
k CmnTbarStiff NmpDeg f32	0.5
k DmpDecelGainFSlew UlspS f32	300.03
k_DmpDecelGain_Uls_f32	5.8
k_DmpGainOffThresh_KphpS_f32	35.3
k_DmpGainOnThresh_KphpS_f32	12.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.0004
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	832
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	848
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	864
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	880
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	896
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	912
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	928
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	944
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	960
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	976
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	992
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168
t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	1184

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Nama	Input Value	
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200 1216	
2_FDD_FreqTblYM_Hz_u12p4[1][5] 2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312	
_CmnVehSpd_Kph_u9p7[0]	10368	
_CmnVehSpd_Kph_u9p7[1]	10496	
CmnVehSpd Kph u9p7[2]	10624	
CmnVehSpd Kph u9p7[3]	10752	
CmnVehSpd_Kph_u9p7[4]	10880	
CmnVehSpd_Kph_u9p7[5]	11008	
CmnVehSpd_Kph_u9p7[6]	11136	
CmnVehSpd_Kph_u9p7[7]	11264	
CmnVehSpd_Kph_u9p7[8]	11392	
CmnVehSpd_Kph_u9p7[9]	11520	
_CmnVehSpd_Kph_u9p7[10]	11648	
CmnVehSpd_Kph_u9p7[11]	11776	
_DmpADDCoefX_MtrNm_u4p12[0]	12698	
DmpADDCoefX_MtrNm_u4p12[1]	13107	
DmpADDCoefX_MtrNm_u4p12[2]	13517	
DmpADDCoefX_MtrNm_u4p12[3]	13926	
DmpADDCoefX_MtrNm_u4p12[4]	14336	
DmpADDCoefX_MtrNm_u4p12[5]	14746	
_DmpADDCoefX_MtrNm_u4p12[6]	15155	
_DmpADDCoefX_MtrNm_u4p12[7]	15565	
_DmpADDCoefX_MtrNm_u4p12[8]	15974	
_DmpADDCoefX_MtrNm_u4p12[9]	16384	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1208	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1216	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1224	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1232	
_DmpDecelGainSlewY_UlspS_u13p3[4]	1240	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1248	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1648	
FDD_AttenTbIX_MtrRadpS_u12p4[1]	2480	
FDD_AttenTblY_Uls_u8p8[0]	218	
_FDD_AttenTblY_Uls_u8p8[1]	220	
FDD_BlendTbIY_Uls_u8p8[0]	218	
_FDD_BlendTbIY_Uls_u8p8[1]	220	
FDD_BlendTbIY_Uls_u8p8[2]	223	
_FDD_BlendTblY_Uls_u8p8[3]	225	
_FDD_BlendTblY_Uls_u8p8[4]	227	
_FDD_BlendTbIY_Uls_u8p8[5]	230	
_FDD_BlendTbIY_Uls_u8p8[6]	232	
_FDD_BlendTblY_Uls_u8p8[7]	234	
_FDD_BlendTblY_Uls_u8p8[8]	237	
_FDD_BlendTblY_Uls_u8p8[9]	239	
_FDD_BlendTblY_Uls_u8p8[10]	241	
_FDD_BlendTblY_Uls_u8p8[11]	243	

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Name	Input Value			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101			
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	102			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105			
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	106			
t RIAstWIRBIndTblY Uls u2p14[0]	3277			
t RIAstWIRBIndTbIY UIs u2p14[1]	4915			
t_RIAstWIRBIndTblY_UIs_u2p14[2]	6554			
t_RIAstWIRBIndTblY_UIs_u2p14[3]	8192			
t_RIAstWIRBIndTblY_UIs_u2p14[4]	9830			
t WIRBIndTbIX MtrNm u8p8[0]	538			
t_WIRBIndTbIX_MtrNm_u8p8[1]	563			
t_WIRBIndTbIX_MtrNm_u8p8[2]	589			
t WIRBIndTbIX MtrNm u8p8[3]	614			
t WIRBIndTbIX MtrNm u8p8[4]	640			
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	5.5			
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	110.05			
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	0			
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10			
tgt FrqDepDmpnInrtCmp Per1 VehicleLonAccel KphpS f32.value	10.03			
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	325.02			
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value				
tgt_rrqDepDriprinintCirip_Ferr_wikCiridArripBilid_witrini_132.value tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm	5.3			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Peri BaseAssistCm				
		tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc		
	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE				
Name	Actual Value	Expected Value	Resul	
ProDocal Coin I II M f22				

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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 ± 0.00390625	✓		
TbarVelFiltSv_M_str.SV_Uls_f32	-1.28751016	-1.28751 ± 0.00390625	✓		
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	8 80000019	8 8 + 0 00048828125	~		

FrqDepDmpnInrtCmp_Per1

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