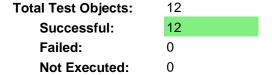


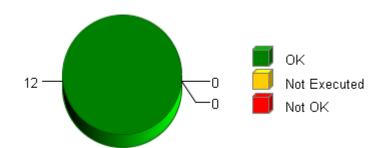
Summary

Overall Test Object Results (including Coverage)



Date: 2016-07-24

Time: 12:06:11+0530



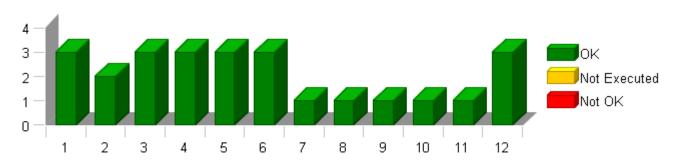
Selected Project Items

Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASEAB ON/CmMtrCurr Init" Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASEAB ON/CmMtrCurr Per1" Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEAB_ON/CmMtrCurr_Per2" Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASEAB ON/CmMtrCurr Per3" Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEAB_ON/CmMtrCurr_SCom_CalGain" Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASEAB ON/CmMtrCurr SCom CalOffset" Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEAB_ON/CmMtrCurr_SCom_MtrCurrOffReadStatus" Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEAB_ON/CmMtrCurr_SCom_ReadMtrCurrCals" Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASEAB ON/CmMtrCurr SCom SetMtrCurrCals" Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEAB_ON/CmMtrCurrTempOffset_Scom_Get" Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASEAB ON/CmMtrCurrTempOffset Scom Set" Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASEAB ON/CurrDQPer1"

Used Test Environments

TI TMS 570 PLS UDE (Default)

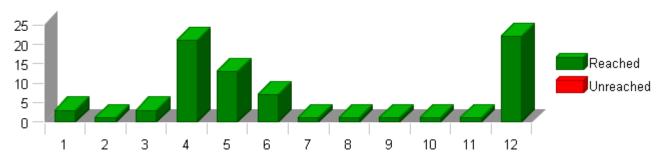
Test Case Results for Each Test Object (without Coverage)



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

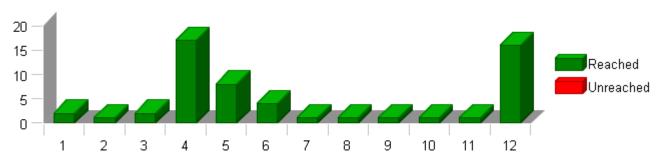


Statement (C0) Coverage: Total Statements for Each Test Object



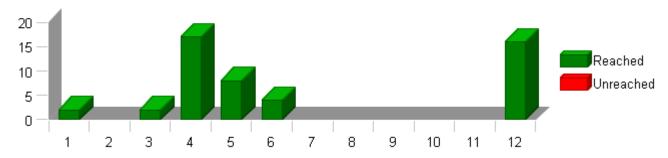
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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



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

Decision Coverage: Total Decision Outcomes for Each Test Object

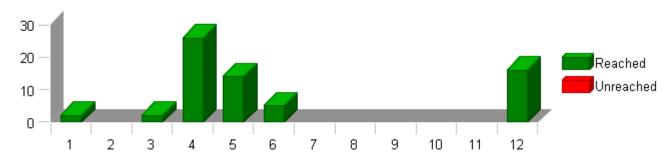


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



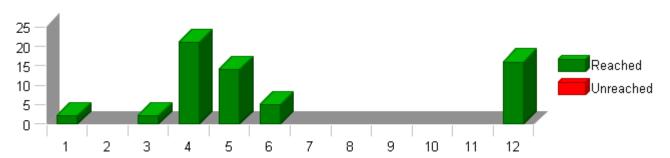
MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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

MCC Coverage: Total Condition Combinations for Each Test Object



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

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

TEST OVERVIEW REPORT

2016-07-24, 12:06:11+0530



Test Object List

Project CmMtrCurr1

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	C 1	DC	MC/DC	мсс	Test Cases Result
	CmMtrCurr1	100 %	100 %	100 %	100 %	100 %	25 of 25 passed 💌
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	25 of 25 passed
	CmMtrCurr_MTRCURRPHASEAB_ON	100 %	100 %	100 %	100 %	100 %	25 of 25 passed
1	CmMtrCurr_Init	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
2	CmMtrCurr_Per1	100 %	100 %	-	-	-	2 of 2 passed
3	CmMtrCurr_Per2	100 %	100 %	100 %	100 %	100 %	3 of 3 passed ✓
4	CmMtrCurr Per3	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
5	CmMtrCurr SCom CalGain	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
6	CmMtrCurr SCom CalOffset	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
7	CmMtrCurr SCom MtrCurrOffReadStatus	100 %	100 %	-	-	-	1 of 1 passed
8	CmMtrCurr_SCom_ReadMtrCurrCals	100 %	100 %	-	-	-	1 of 1 passed
9	CmMtrCurr SCom SetMtrCurrCals	100 %	100 %	-	-	-	1 of 1 passed
10	CmMtrCurrTempOffset Scom Get	100 %	100 %	-	-	-	1 of 1 passed
11	CmMtrCurrTempOffset Scom Set	100 %	100 %	-	-	-	1 of 1 passed
12	<u>CurrDQPer1</u>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed ✓

CmMtrCurr_Per1

2016-07-24, 11:50:24+0530



Project CmMtrCurr1

Module CmMtrCurr_MTRCURRPHASEAB_ON

Test Object CmMtrCurr_Per1

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2	
Successful	2	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP		
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\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)\CmMtrCurr\src\Sa_CmMtrCurr.c		
Compiler Options	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\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	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -l\$(PROJECTROOT)\CmMtrCurr\utp\contract -l\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -l\$(PROJECTROOT)\CmMtrCurr\include -l\$(PROJECTROOT)\NxtrLib\include -l\$(PROJECTROOT) \StdDef\include -l\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include		

Name	Text
Module CmMtrCurr_MTRCURRPHASEAB_ON	Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2 Module Design Document:CmMtrCurr_MDD.docx Module Design Document:CmMtrCurr_MDD.docx Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:2 Unit Test Plan Version:2 Compiler (CodeCen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32 Total FLASH Used (Bytes):3176 Total RAM Used (Bytes):130 Total CALS Used (Bytes):46 Special Test Requirements:NA Test Date:7/23/2016 Comments: "Note1: Inline functions defined in globalmacro.h are not unit tested. Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors, accepted by devloper variables are :- MtrCurr1SumHi_Volt_M_f32_, VecuSum_Volt_M_f32_, CmMtrCurr_Curr_OffAvgCounter_Cnt_M_u16 Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9

2016-07-24, 11:50:24+0530





Attributes					
Name	Value				
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>				
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src				
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>				
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>				
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 4.4</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\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP				



Test Case 1: Metrics Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

TC1.1 1220.00 Cycles TC1.2 1220.00 Cycles

Description VECTOR DESCRIPTION:

TS1.1 Shortest Execution Path==> IntplVarXY_s16_s16Xs16Y_Cnt = False TS1.2 Longest Execution Path==> IntplVarXY_s16_s16Xs16Y_Cnt = True

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-160		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-32		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1600		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2592		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2720		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2880		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3040		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3072		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3104		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3840		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4000		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4160		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4320		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset	_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.00390625	0.00390625 ± 0.000000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.00390625	0.00390625 ± 0.000000009	~



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	•
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	-

Test Step 1.2 (Repeat Count = 1) Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt CmMtrCurr Per1 FiltCntrlTemp DegC f32.value	0		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	-480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-160		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[3]	-32		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[4]	800		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[5]	1600		
tgt Pim CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2592		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	2720		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	2880		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[9]	3040		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3072		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3104		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[12]	3840		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4000		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[14]	4160		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[15]	4320		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[1]	4		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	20		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[10]	23		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[15]	33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_nm_carremponset.currOffsetY2_voits_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[12]	27		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per1 FiltCntrlTemp DegC f32	tgt_CmMtrCurr_Per1_FiltCntrlTer	mp DeaC f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt CmMtrCurr Per1 MtrCurr1Te		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Te		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Resul
	0.00390625	0.00390625 ± 0.000000009	Resul
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.00390625	0.00390625 ± 0.000000009	





Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~	
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~	
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~	

Test Case 2: Range Test Specification Performance Metrics : [With "None" Instrumentation and WithPS Environment]

1047.00 Cycles
1047.00 Cycles
1047.00 Cycles
1047.00 Cycles
1073.00 Cycles
1071.00 Cycles
1202.00 Cycles
1047.00 Cycles
1020.00 Cycles
1202.00 Cycles
1202.00 Cycles
1202.00 Cycles
1220.00 Cycles
1220.00 Cycles
1231.00 Cycles
1241.00 Cycles
1281.00 Cycles
1381.00 Cycles
1381.00 Cycles
1381.00 Cycles TC2.1 TC2.1 TC2.2 TC2.3 TC2.4 TC2.5 TC2.6 TC2.7 TC2.8 TC2.9 TC2.10 TC2.11 TC2.12 TC2.13 TC2.14 TC2.15 TC2.16 TC2.17 TC2.18 TC2.19 TC2.20 TC2.21 TC2.22 1301.00 Cycles 1242.00 Cycles

Description

VECTOR DESCRIPTION:

TS2.1 All Min TS2.1 All Min
TS2.2 All Max
TS2.3 FiltCntrlTemp_DegC_f32==>Min
TS2.4 FiltCntrlTemp_DegC_f32==>Max
TS2.5 FiltCntrlTemp_DegC_f32==>Pos
TS2.6 FiltCntrlTemp_DegC_f32==>Zero
TS2.7 FiltCntrlTemp_DegC_f32==>Neg
TS2.8 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Min
TS2.9 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Max
TS2.10 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Pos
TS2.11 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Zero
TS2.12 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Neg
TS2.13 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Neg
TS2.13 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Neg TS2.12 Rte_Pim_CurrTempOffset.CurrOffsetY_DegC_s10p5==>
TS2.13 Rte_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11==>Min
TS2.14 Rte_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11==>Pos
TS2.15 Rte_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11==>Pos
TS2.16 Rte_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11==>Pos
TS2.17 Rte_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11==>Neg
TS2.18 Rte_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11==>Neg
TS2.19 Rte_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11==>Pos
TS2.20 Rte_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11==>Pos
TS2.21 Rte_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11==>Pos
TS2.22 Rte_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11==>Pos

TS2.22 Rte_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11==>Neg

Test Step 2.1 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	-50	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-1600	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-53	

2016-07-24, 11:50:24+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-53		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0258789063	-0.025878906 ± 0.00000009	✓
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063	-0.025878906 ± 0.00000009	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	✓
Rte Call CmMtrCurr Per1 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per1 CP1 CheckpointReached	1	~

Test Step 2.2 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	150
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	53

2016-07-24, 11:50:24+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	53		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f	732	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0258789063	0.025878906 ± 0.00000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0258789063	0.025878906 ± 0.00000009	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	✓
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.3 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	-50
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1184
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-928
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	480
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	960
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1440
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1920
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2240
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2400
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2496
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3552
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3648
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3936
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4256
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4544
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4576
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4736
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-45
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-43
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-41
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-39
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-37
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-35
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-33
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-31
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-29
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-27
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-25

2016-07-24, 11:50:24+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-14		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_1	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_'	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt CmMtrCurr Per1 MtrCurr1TempOffset Volt f32.value	-0.0219726563	-0.021972656 ± 0.00000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0219726563	-0.021972656 ± 0.00000009	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	✓
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	✓

Test Step 2.4 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	150
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	192
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	512
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	832
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1152
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1472
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1792
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2112
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2432
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2752
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3072
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3392
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3712
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4032
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4352
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4672
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	1
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	4
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	8
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	10
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	12
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	14
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	16
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23

tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value

tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value

CmMtrCurr_Per1

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0.012207031 ± 0.00000009

0.012207031 ± 0.00000009

Input Value $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]$ 25 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1] 2 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2] 2 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3] 2 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4] 2 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5] 4 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]$ 6 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7] 8 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]$ 10 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] 12 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] 14 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] 16 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12] 18 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] 20 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] 23 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]$ 25 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32 tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32$ $tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32$ tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset$ tgt_Pim_CurrTempOffset **Actual Value Expected Value** Result

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

0.0122070313

0.0122070313

Test Step 2.5 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	105.32
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-960
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-640
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-320
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	512
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	672
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	832
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	992
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	1472
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1632
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1792
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1952
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	2432
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	2592
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2752
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2912
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-51
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-49
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-47
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-45
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-43
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-41
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-39
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-37
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-35
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-33
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-31
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-29
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-27
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-25
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-23
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-51
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-49

2016-07-24, 11:50:24+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-47		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-23		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_\text{'}	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_\text{'}	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0112304688	-0.011230469 ± 0.00000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0112304688	-0.011230469 ± 0.00000009	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	✓
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	•

Test Step 2.6 (Repeat Count = 1)	√
Name	Input Value
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt CmMtrCurr Per1 FiltCntrlTemp DegC f32.value	0
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	-480
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[1]	-320
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-160
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-32
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2592
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2720
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2880
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3040
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3072
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3104
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3840
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4000
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4160
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4320
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	12
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	16
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14

2016-07-24, 11:50:24+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_1	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_'	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_'	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.00390625	0.00390625 ± 0.000000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.00390625	0.00390625 ± 0.000000009	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.7 (Repeat Count = 1)	✓
Name	Input Value
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	-33.25
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	0
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[1]	384
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[2]	576
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[3]	704
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[4]	896
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[5]	1024
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1216
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	1344
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	1536
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1664
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1856
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1984
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3264
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	3456
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	3904
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4096
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-45
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-43
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-41
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-39
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-37
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-35
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-33
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-31
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-29
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-27
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-25
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-23
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-20
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-18
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-16
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-14
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-45
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-43
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-41
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-39
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-37
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-35
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-33
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-31
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-29
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-27 -25
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-2J

tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value

CmMtrCurr_Per1

2016-07-24, 11:50:24+0530



-0.021972656 ± 0.00000009

Input Value tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] -23 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12] -20 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] -18 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] -16 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] -14 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32$ tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32$ tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32$ $tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32$ $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset$ tgt_Pim_CurrTempOffset Actual Value **Expected Value** Result tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value -0.0219726563 -0.021972656 ± 0.00000009

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

-0.0219726563

Test Step 2.8 (Repeat Count = 1)	
Name	Input Value
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	17.9649561
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1600
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[3]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1600
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[6]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-1600
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[9]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[15]	-1600
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	1
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[1]	2
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[2]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	4
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	8
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[8]	10
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	12
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[10]	14
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	16
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[14]	23
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	1
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[1]	2
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	2
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	2
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[4]	2
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	4
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	6
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	8
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	10
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[9]	12
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	14
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	16
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[12]	18
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	20
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	23
-9	

CmMtrCurr_Per1

Name





tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	25		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_1	732	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_'	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0122070313	0.012207031 ± 0.00000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0122070313	0.012207031 ± 0.00000009	•

Input Value

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.9 (Repeat Count = 1)	Input Value
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
gt CmMtrCurr Per1 FiltCntrlTemp DegC f32.value	-26.43644691
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[1]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[2]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[3]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[4]	4800
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	4800
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[6]	4800
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	4800
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	4800
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[10]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[11]	4800
gt Pim CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	4800
gt_rini_currTempOriset.CurrTempOrisetX_DegC_s10p5[12] gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4800
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4800
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800
gt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[0]	-53
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-51
gt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[2]	-49
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-47
at Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[4]	-45
gt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[5]	-43
gt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[6]	-41
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-39
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-37
gt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	-35
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-33
gt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[11]	-31
gt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[12]	-29
gt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[13]	-27
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-25
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-23
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-53
gt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[1]	-51
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-49
gt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	-47
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-45
gt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[5]	-43
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-41
gt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[7]	-39
gt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[8]	-37
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-35
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-33
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-31
pt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-29
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-27
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-25
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-23
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt CmMtrCurr Per1 MtrCurr1TempOffset Volt f32
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32

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13

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Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0258789063	-0.025878906 ± 0.00000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063	-0.025878906 ± 0.00000009	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.10 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	52.18713468		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	960		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1440		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	1600		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2080		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2400		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	2560		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	2720		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3040		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	3360		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	3680		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4160		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	25 27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per1 FiltCntrlTemp DegC f32	tgt CmMtrCurr Per1 FiltCntrlTemp DegC	f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per1 MtrCurr1TempOffset Volt f32	tgt CmMtrCurr Per1 MtrCurr1TempOffset	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset		
tgt Rte Inst Sa CmMtrCurr.Pim CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
	0.0078125	0.0078125 ± 0.000000009	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0078125	0.0078125 ± 0.000000009 0.0078125 ± 0.000000009	
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0070120	0.0070120 ± 0.000000000	



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.11 (Repeat Count = 1)	Innext Makes		
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	-32.50422776		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-45		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-37		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[5]	-35		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[6]	-33		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[7]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-29		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-25		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1Tem	pOffset_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Tem	pOffset_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Resul
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0219726563	-0.021972656 ± 0.00000009	
tgt CmMtrCurr Per1 MtrCurr2TempOffset Volt f32.value	0.0009765625	0.000976563 ± 0.0000000009	



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	•
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.12 (Repeat Count = 1) Name	Innut Value		
	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	6.719212592		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1536		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1440		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1376		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1216		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1120		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1056		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-960		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-896		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-704		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-384		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-160		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	1		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	2		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[2]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	2		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[5]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[7]	8		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[8]	10		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	14		
	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-14		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_	DegC_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1Temp		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per1 MtrCurr2TempOffset Volt f32	tgt_CmMtrCurr_Per1_MtrCurr2Temp		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Resu
	0.0122070313	·	Resu
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0068359375	0.012207031 ± 0.00000009 -0.006835938 ± 0.000000009	





Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.13 (Repeat Count = 1) Name	Input Value		
	•		
Rte_Inst_Sa_CmMtrCurr tgt CmMtrCurr Per1 FiltCntrlTemp DegC f32.value	tgt_Rte_Inst_Sa_CmMtrCurr 18.53833246		
tqt Pim CurrTempOffset.CurrTempOffsetX DeqC s10p5[0]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	192		
tgt Pim CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	512		
	832		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1152		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1472		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1696		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	1824		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2112		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2272		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	2496		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	2624		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3264		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	3552		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	3904		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	3936		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	1		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	8		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[8]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	14		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[11]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	25		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt CmMtrCurr Per1 FiltCntrlTemp Deg	C f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt CmMtrCurr Per1 MtrCurr1TempOffs	_	
gt_Rte_Inst_Sa_CrimitCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffs		
gt_Rie_Inst_Sa_CrimitiCurr.CrimitiCurr_Peri_mitCurr_TempOffset_voit_i32		C(_VOI(_I)2	
	tgt_Pim_CurrTempOffset	Formando d Wells	
Name	Actual Value	Expected Value	Resu
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0258789063	-0.025878906 ± 0.00000009	
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0009765625	0.000976563 ± 0.0000000009	



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.14 (Repeat Count = 1) Name	Innut Value		
	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	134.8001501		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	384		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	704		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	1024		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	1344		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1664		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1984		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2304		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2624		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2944		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3168		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3232		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3552		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3872		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4192		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4512		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4768		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-51		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-49		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-47		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-23		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_De	gC_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOff		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOff		
tgt Rte Inst Sa CmMtrCurr.Pim CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Resu
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0258789063	0.025878906 ± 0.00000009	Resul
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_132.value	-0.0131835938	-0.013183594 ± 0.00000009	





Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte Call CmMtrCurr Per1 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per1 CP1 CheckpointReached	1	✓

Input Value		
•		
-480		
-160		
0		
320		
640		
960		
1280		
1920		
2240		
2560		
2		
4		
6		
8		
10		
12		
14		
16		
18		
20		
20		
20		
23		
25		
25 27		
25 27 29		
25 27 29 31		
25 27 29 31 33		
25 27 29 31 33 tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32		
25 27 29 31 33	f32	
25 27 29 31 33 tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32		
25 27 29 31 33 tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32 tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_		
25 27 29 31 33 tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32 tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_tgt_Pim_CurrTempOffset		Resu
25 27 29 31 33 tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32 tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_ tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_ tgt_Pim_CurrTempOffset Actual Value Ex	f32	Resu
	0 320 640 960 1280 1920 2240 2560 2 4 6 8 10 12 14 16 18 20 23 25 27 29 31 33 2 4 6 8 10 11 12 14 16 18 18 10 11 11 11 11 11 11 11 11 11 11 11 11	tgl_Rte_Inst_Sa_CmMtrCurr 122.2946655 -1440 -1280 -1120 -960 -800 -840 -480 -160 0 320 640 -960 1280 1920 2240 2560 2 4 6 8 10 11 12 14 16 18 20 23 25 27 29 31 33 2 4 6 6 8 10 10 12 14 16 18



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.16 (Repeat Count = 1) Name	Input Value		
	· ·		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	-7.341285408		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1120		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-896		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-672		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-448		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-224		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	224		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	448		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	672		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	896		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1120		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1344		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1568		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1792		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	2016		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2240		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2464		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-23		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-14		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp	DegC f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1Tem		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Tem		
tgt Rte Inst Sa CmMtrCurr.Pim CurrTempOffset	tgt_Pim_CurrTempOffset	h	
Name	Actual Value	Expected Value	Resul
	0	0 ± 0.000009	Resul
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0185546875	-0.018554688 ± 0.0000009	



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.17 (Repeat Count = 1) Name	Input Value		
	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	-34.03871846		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	288		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	384		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	608		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	704		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	928		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1024		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1248		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] tqt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	1344 1568		
0	1664		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1888		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1984		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	2208 2304		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2528 2624		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-45		
	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-43		
tgt_Fim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-37		
tgt_rim_currTempOffset.CurrOffsetY1_Volts_s4p11[5]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-33		
tgt_rim_currTempOffset.CurrOffsetY1_Volts_s4p11[7]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-29		
tgt_rim_currTempOffset.CurrOffsetY1_Volts_s4p11[9]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-25		
tgt_rim_currTempOffset.CurrOffsetY1_Volts_s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tqt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[10]	23		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[11]	25		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_	DegC_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1Temp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Temp		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Resul
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0219726563	-0.021972656 ± 0.00000009	
tgt CmMtrCurr Per1 MtrCurr2TempOffset Volt f32.value	0.0009765625	0.000976563 ± 0.0000000009	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	•

Test Step 2.18 (Repeat Count = 1) Name	Input Value		
Rte_Inst_Sa_CmMtrCurr tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	tgt_Rte_Inst_Sa_CmMtrCurr 24.05693763		
tgt_Crimiticuti_Fer1_mitchtifferip_begC_132.value tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	96		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	192		
tgt_rim_currTempOffset.CurrTempOffsetX_DegC_s10p5[1]	288		
tgt_rim_currTempOffset.CurrTempOffsetX_DegC_s10p5[2]	416		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	512		
	608		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	736		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	832		
tgt_nim_curremporiser.curremporiserx_begc_stops[r] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_st0p5[8]	928		
tgt_rim_curremporiser.curremporiserx_begc_s10p5[6]	1056		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1152		
tgt_rim_currTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1248		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1376		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1472		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1568		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	1760		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-45		
tgt_rim_currTempOffset.CurrOffsetY1_Volts_s4p11[1]	-43		
tgt_rim_currTempOffset.CurrOffsetY1_Volts_s4p11[2]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-33		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[7]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-29		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	-27		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[10]	-25		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-14		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[0]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[1]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[2]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[5]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[7]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-53		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
	·	From a set of Malana	12
Name	Actual Value	Expected Value	Resul
Name tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0161132813	-0.016113281 ± 0.00000009	Resul



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt CmMtrCurr Per1 FiltCntrlTemp DegC f32.value	104.1973985		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	-928		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-608		
	0		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	736		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1056		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1408		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1568		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2016		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2368		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2688		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	2848		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3200		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3936		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4544		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4768		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	1		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	53		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	53		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	53		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTem	o_DegC_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1Ten		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Ten		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Resu
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0078125	0.0078125 ± 0.000000009	, , Cou
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0258789063	0.025878906 ± 0.00000009	



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~	
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~	
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	•	

Test Step 2.20 (Repeat Count = 1) Name	Innut Value		
	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	143.1812282		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	960		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1600		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1920		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2240		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2560		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2880		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3200		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3520		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3840		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4160		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-51		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-49		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-47		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-45		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt CmMtrCurr Per1 FiltCntrlTemp	DegC f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt CmMtrCurr Per1 MtrCurr1Tem		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Tem		
tgt Rte Inst Sa CmMtrCurr.Pim CurrTempOffset	tgt_Pim_CurrTempOffset	<u></u>	
Name	Actual Value	Expected Value	Resul
	-0.0122070313	-0.012207031 ± 0.00000009	Resul
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0122070313	0.015136719 ± 0.00000009	





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.21 (Repeat Count = 1) Name	Input Value		
	· ·		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	79.95160198		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	224		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	544		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	864		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	1184		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1504		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1824		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2144		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2464		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2784		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3104		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3424		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3744		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4064		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4384		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4704		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	20		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[10]	23		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[0]	0		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[1]	0		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[2]	0		
tqt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	0		
	•		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	0		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_	_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
	Actual Value	Expected Value	Resu
Name tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	Actual Value 0.0078125	0.0078125 ± 0.00000009	Resu



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	•
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	-

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
gt CmMtrCurr Per1 FiltCntrlTemp DegC f32.value	45.66239232		
gt_CritivitiCutr_Fet1_f itCritifTettp_DegC_l32.value gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	32		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	352		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	672		
gt_Fini_currTempOffset.CurrTempOffsetX_DegC_s10p5[2] gt_Pini_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	992		
gt_Fini_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3] gt_Pini_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1312		
	1632		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]			
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1952		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2272		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2592		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2912		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3232		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3552		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3872		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4192		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4512		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4768		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	12		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	16		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-45		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-43		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-41		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-39		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-37		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-35		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-33		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-31		
gt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[8]	-29		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-27		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-25		
gt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[11]	-23		
gt_Im_Ourremponset.Ourronsett72_voits_s-p+1[11] gt_Pim_CurrTempOffset.CurrOffsetY2_Voits_s4p11[12]	-20		
gt_Pin_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-18		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-16		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-14		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt CmMtrCurr Per1 FiltCntrlTemp	DeaC: f32	
	tgt_CmMtrCurr_Per1_FiltChtrremp		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32			
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Tem	ponset_voit_isz	
gt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		1_
Name	Actual Value	Expected Value	Resul
gt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0048828125	0.004882813 ± 0.000000009	•

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Razorcat

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	•

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 ${\it CmMtrCurrTempOffset_Scom_Set}$

Project CmMtrCurr1

 Module
 CmMtrCurr_MTRCURRPHASEAB_ON

 Test Object
 CmMtrCurrTempOffset_Scom_Set

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\CmMtrCurr_FDD1C_010.0_NoUTP
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\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)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\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	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -l\$(PROJECTROOT)\CmMtrCurr\utp\contract -l\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -l\$(PROJECTROOT)\CmMtrCurr\include -l\$(PROJECTROOT)\NxtrLib\include -l\$(PROJECTROOT) \StdDef\include -l\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470 4.9.5\include

lame	Text
Module CmMtrCurr_MTRCURRPHASEAB_	Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2 Module Design Document:CmMtrCurr_MDD.docx Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version: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 1.32 Total FLASH Used (Bytes):3176 Total RAM Used (Bytes):3176 Total RAM Used (Bytes):46 Special Test Requirements:NA Test Date:7/23/2016 Comments: "Note1: Inline functions defined in globalmacro.h are not unit tested. Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :- MtrCurr2Sumhi_Volt_M_f32, VecuSum_Volt_M_f32, MtrCurr1SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr1SumZero_Volt_M_f32, MtrCurr1SumLo_Volt_M_f32, are going to very large values."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9

2016-07-24, 12:01:43+0530



CmMtrCurrTempOffset_Scom_Set

Attributes	
Name	Value
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 4.4
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\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Range Test

CmMtrCurrTempOffset_Scom_Set

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

743.00 Cycles
669.00 Cycles
669.00 Cycles
621.00 Cycles TS1.1 TS1.2 TS1.3 TS1.4 TS1.5 TS1.6 TS1.7 TS1.8 TS1.9 TS1.9 TS1.10 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16

Description

Vector Description:

TS1.1 All Min

Test Step 1.1 (Repeat Count = 1)

TS1.2 All Max
TS1.3 CurrTempOffCal1.CurrTempOffsetX_DegC_s10p5==>Min
TS1.4 CurrTempOffCal1.CurrTempOffsetX_DegC_s10p5==>Max
TS1.5 CurrTempOffCal1.CurrTempOffsetX_DegC_s10p5==>Pos
TS1.6 CurrTempOffCal1.CurrTempOffsetX_DegC_s10p5==>Pos
TS1.6 CurrTempOffCal1.CurrTempOffsetX_DegC_s10p5==>Neg
TS1.8 CurrTempOffCal1.CurrOffsetY1_Volts_s4p11==>Min
TS1.9 CurrTempOffCal1.CurrOffsetY1_Volts_s4p11==>Max
TS1.10 CurrTempOffCal1.CurrOffsetY1_Volts_s4p11==>Pos
TS1.11 CurrTempOffCal1.CurrOffsetY1_Volts_s4p11==>Pos
TS1.12 CurrTempOffCal1.CurrOffsetY1_Volts_s4p11==>Neg
TS1.13 CurrTempOffCal1.CurrOffsetY2_Volts_s4p11==>Neg
TS1.14 CurrTempOffCal1.CurrOffsetY2_Volts_s4p11==>Neg
TS1.15 CurrTempOffCal1.CurrOffsetY2_Volts_s4p11==>Max
TS1.16 CurrTempOffCal1.CurrOffsetY2_Volts_s4p11==>Pos
TS1.17 CurrTempOffCal1.CurrOffsetY2_Volts_s4p11==>Pos
TS1.17 CurrTempOffCal1.CurrOffsetY2_Volts_s4p11==>Pos

Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	-1600
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-53
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-53
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-53
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-53

2016-07-24, 12:01:43+0530



CmMtrCurrTempOffset_Scom_Set

Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-53		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1600	-1600	~

tgt_Curr1empOffCal.CurrOffsetY2_volts_s4p11[15]	-53		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-53	-53	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-53	-53	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-53	-53	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-53	-53	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-53	-53	~

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



CmMtrCurrTempOffset_Scom_Set

Test Step 1.2 (Repeat Count = 1)			✓	
Name	Input Value			
CurrTempOffCal	tgt CurrTempOffCal			
Rte_Inst_Sa_CmMtrCurr	tgt Rte Inst Sa CmMtrCurr			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	4800			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	4800			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	4800			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	4800			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	4800			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	4800			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	4800			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	4800			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	4800			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	4800			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	4800 4800			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	4800			
tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[12]	4800			
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[14]	4800			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4800			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]		53		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[1]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	53			
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	53 53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	53	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	53			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	53			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	Expected Value	Popult	
Name	Actual Value	Expected Value	Result	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0] tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[1]	4800 4800	4800 4800		
tgt Pim CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	4800	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	4800	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	4800	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	4800	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	4800	4800	_	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	4800	4800	•	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	4800	4800	•	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	4800	4800	•	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	4800	4800	✓	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	4800	4800	✓	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4800	4800	•	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4800	4800	•	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4800	4800	•	
tot Dim CurrTompOffoot CurrTompOffooty DogC o10p5[15]	4800	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]			•	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	53	53	V	
		53 53 53	V	

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]

CmMtrCurrTempOffset_Scom_Set

2016-07-24, 12:01:43+0530



Actual Value Expected Value $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]$ tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9] $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]$ tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11] $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]$ tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13] $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]$ tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2] $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]$ tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4] $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]$ tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]$

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	~

Test Step 1.3 (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
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	-1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	-1600
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-14
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-16
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-18
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-20
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	-23
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	-25
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-27
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	-29
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	-31
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	-33
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-35
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-37
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-39
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-41
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-43
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-45

2016-07-24, 12:01:43+0530



 ${\it CmMtrCurrTempOffset_Scom_Set}$

Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	25		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	27		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-1600	-1600	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-14	-14	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-16	-16	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-18	-18	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-20	-20	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-23	-23	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-25	-25	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-27	-27	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-29	-29	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-31	-31	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-33	-33	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-35	-35	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-37	-37	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-39	-39	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-41	-41	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-43	-43	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-45	-45	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2	2	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4	4	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6	6	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8	8	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10	10	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12	12	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14	14	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16	16	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18	18	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20	20	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23	23	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25	25	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27	27	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29	29	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31	31	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33	33	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	~



Test Step 1.4 (Repeat Count = 1)			✓
Name	Input Value		
CurrTempOffCal	tgt_CurrTempOffCal		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	4800 4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	4800 4800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4800		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[15]	4800		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-47		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-49		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-51		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	2		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	4		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	6		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	8		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	12		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[10]	14		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[11]	16		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	18		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	20		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	23		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	25		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	35		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	37		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	39 41		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	43		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[5]	45		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	47		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	49		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-6 -8		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-10		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-12		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	4800	4800	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	4800	4800	*
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	4800	4800	<i>y</i>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	4800 4800	4800 4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	4800	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	4800	4800	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4800	4800	~
$tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]$	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800	4800	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-47	-47	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-49 -51	-49 -51	Ž
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	[-01	-01	

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]

CmMtrCurrTempOffset_Scom_Set

2016-07-24, 12:01:43+0530



Actual Value Expected Value tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3] -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4] 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5] 4 4 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6] 6 6 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7] 8 8 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8] 10 10 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9] 12 12 $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]$ 14 14 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11] 16 16 $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]$ 18 18 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13] 20 20 $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]$ 23 23 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15] 25 25 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0] 35 35 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1] 37 37 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2] 39 39 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]$ 41 41 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4] 43 43 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]$ 45 45 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6] 47 47 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7] 49 49 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8] 51 51 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] 53 53 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] -2 -2 -4 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] -4 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12] -6 -6 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] -8 -8 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]$ -10 -10

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

-12

-12

Test Step 1.5 (Repeat Count = 1)	L (M)
Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	320
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	480
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	640
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	800
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	960
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1280
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1440
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2080
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2400
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	2560
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	2720
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3040
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	3360
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	3680
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4160
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	35
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	37
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	39
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	41
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	43
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	45
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	47
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	49
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	51
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-2
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-4
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-6
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-8
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-10
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[15]	-12

2016-07-24, 12:01:43+0530



 ${\it CmMtrCurrTempOffset_Scom_Set}$

Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-20		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-23		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-25		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-27		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-29		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-31		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-33		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-35		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-37		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-39		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-41		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-43		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-45		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	320	320	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	480	480	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	640	640	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	800	800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	960	960	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1280	1280	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1440	1440	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	1600	1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2080	2080	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2400	2400	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	2560	2560	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	2720	2720	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3040	3040	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	3360	3360	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	3680	3680	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4160	4160	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35	35	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	37	37	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39	39	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	41	41	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	43	43	Y
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	45	45	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	47	47	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	49	49	*
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	51	51	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53	53	V
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-2	-2	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-4	-4	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-6	-6	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-8	-8	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-10	-10	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-12	-12	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14	-14	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16	-16	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-18	-18	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20	-20	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23	-23	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25	-25	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-27	-27	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-29	-29	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-31	-31	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-33	-33	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-35	-35	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-37	-37	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-39 -41	-39 -41	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-43 -45	-43 -45	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	770	-40	

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



Name	Test Step 1.6 (Repeat Count = 1)			✓
Quartersynthmia		Input Value		
No. Land St. Contine Contine Dept. 149/00 0 0 0 0 0 0 0 0 0		•		
Mill				
E. CurifferroriOffical Court Front (Prince C	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	0		
Big. Cent PropOSCIA Court Pr	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	0		
19_Conf				
Value Valu				
Sp. Curf ramorOttal Curf ramon/Nex Design 5, 18 (5917)				
Inc. Curt responded Curt remported Exp. 2690, 1690877 0				
Security				
Inj. Curif respondible Curif respondible St. Dego. 410(41) 0 0 0 0 0 0 0 0 0				
Sec. Currenge Office Currenge Office Currenge Control (1)		0		
Sq. Curt PempORTICAL	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	0		
Sp. Curt Person Office (Curt Person Office X, Dept. 3 report)	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	0		
10 10 10 10 10 10 10 10	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]			
Incl. Author				
Sp. CurtimpOCCal Curtified Y Volta sept 11 2				
Sp. Curt Pemp Office Curriffer (1) with sept 11(1) 4				
Section Sect				
Section Sect				
SQ_CurrempOffCol CurrOffSetY_Voits_sept116				
19_Curl*mpOffCol Curr/InterPoffCol Curr/InterPof				
15_CurTempOffCal CurrOffSetY 1, Volts 496110				
Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 18 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 19 20 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 23 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 12 25 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 12 27 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 12 27 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 13 29 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 14 31 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 47 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 47 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 49 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 49 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 49 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 20 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 20 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 20 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 20 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 20 20 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 20 20 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 20 20 20 Fig. Curr TempOffical Curr Officer Y_ Volts_ sel 11 10 20 20 20 20 20 20	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	14		
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Igl_CurTempOffical CurrOffsetY_Volts_s4p11(5)				
Igt_CurTempOffCal CurOffSetY2_Volts_s4p11[1]				
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Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3] -53 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6] 2 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6] 4 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7] 8 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8] 10 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8] 10 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8] 10 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9] 12 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10] 14 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11] 16 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11] 16 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13] 20 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14] 23 Igt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15] 25 Igt_Rie_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Igt_Pim_CurrTempOffset Igt_Pim_CurrTempOffset.CurrTempOffset Igt_Pim_CurrTempOffset Igt_Pim_CurrTempO	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-49		
tg_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-51		
tg_CurrTempOffCal CurrOffsetY2_Volts_s4p11[5]				
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tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10] 14 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12] 16 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12] 18 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13] 20 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15] 23 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15] 25 tgt_Rel_nst_Sa_CmMtrCurr.Pim_CurrTempOffset tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0] 0 Name Actual Value Expected Value R tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1] 0 1 0 0 0 0 0 0				
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tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13] 20 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14] 23 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15] 25 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset tgt_Pim_CurrTempOffset Name Actual Value Expected Value R tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0] 0 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1] 0 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2] 0 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3] 0 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] 0 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] 0 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] 0 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] 0 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] 0 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] 0 0 0 tgt_Pim	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14] 23 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15] 25 tgt_Re_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset tgt_Pim_CurrTempOffset Name Actual Value Expected Value R tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0] 0 0 0 1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1] 0 0 0 1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2] 0 0 0 0 1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3] 0 0 0 0 1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4] 0 0 0 1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5] 0 0 0 1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] 0 0 0 0	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15] 25 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset tgt_Pim_CurrTempOffset Name Actual Value Expected Value Rt tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0] 0 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1] 0 0 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2] 0<	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]			
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tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4			•	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11[0] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11[1] 4 4				
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4				
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[5] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[6] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[7] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[8] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[9] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[10] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[11] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[12] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[12] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[13] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[13] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[14] 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[15] 0 tgt_Pim_CurrTempOffsetX_De				•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4				-
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4		0	0	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	0	0	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY_DegC_s10p5[15] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4				•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4				•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4			l'	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4				•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 0 0 tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4			· ·	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 0 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[15] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4				
tgt_Pim_CurrTempOffset.CurrOffsetX_DegC_s10p5[15] 0 0 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4				
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 2 4gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4				
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4			l'	
				•
tgt_Pim_CurrTempOtiset.CurrOffsetY1_Volts_s4p11[2] 6	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6	6	-

CmMtrCurrTempOffset_Scom_Set

2016-07-24, 12:01:43+0530



Actual Value Expected Value tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4] 10 10 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5] 12 12 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6] 14 14 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7] 16 16 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8] 18 18 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9] 20 20 $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]$ 23 23 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11] 25 25 $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]$ 27 27 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13] 29 29 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14] 31 31 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15] 33 33 tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[0] -47 -47 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1] -49 -49 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2] -51 -51 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]$ -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5] 4 4 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6] 6 6 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7] 8 8 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8] 10 10 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] 12 12 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] 14 14 16 16 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12] 18 18 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] 20 20 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] 23 23 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 25 25

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

Test Step 1.7 (Repeat Count = 1)	van de la company de la co
Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-1536
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-1440
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-1376
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-1280
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-1216
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	-1120
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	-1056
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	-960
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	-896
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	-800
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	-704
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	-640
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	-480
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	-384
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	-320
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	-160
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	35
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	37
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	39
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	41
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	43
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	45
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	47
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	49
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	51
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-2
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-4
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-6
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-8
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-10
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-12

2016-07-24, 12:01:43+0530



Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	25		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	27		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	29 31		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	33		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
	-1536	-1536	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1440	-1440	
tgt_Fiii_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1376	-1376	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1280	-1280	·
tgt Pim CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1216	-1216	
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[5]	-1120	-1120	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1056	-1056	_
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	-960	-960	~
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	-896	-896	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-800	-800	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-704	-704	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-640	-640	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-480	-480	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-384	-384	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-320	-320	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-160	-160	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35	35	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	37	37	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39	39	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	41	41	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	43	43	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	45	45	*
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	47	47	Ž
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	49 51	49 51	
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	53	53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-2	-2	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-4	-4	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-6	-6	_
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-8	-8	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-10	-10	_
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-12	-12	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2	2	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4	4	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6	6	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8	8	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10	10	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12	12	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14	14	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16	16	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18	18	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20	20	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23	23	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25	25	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27	27	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29 31	29 31	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	33	33	Ž
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	- 00	55	

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



Test Step 1.8 (Repeat Count = 1)

Name	Input Value		
CurrTempOffCal	tgt_CurrTempOffCal		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-1440		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-1280		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-1120		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[3]	-960		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[4]	-800		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	-640		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	-480		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	-160		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	0		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[9]	320		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	640		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[11]	960		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[11]	1280		
tgt CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	1920		
	2240		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	2560		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	35		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	37		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	39		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[3]	41		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	43		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	45		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	47		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[7]	49		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4 -6		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-8		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-10		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-12		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1440	-1440	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1280	-1280	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1120	-1120	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-960	-960	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-800	-800	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-640	-640	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-480	-480	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-160	-160	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	0	0	•
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[9]	320	320	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	640	640	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	960	960	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1280	1280	
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[13]	1920	1920	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2240	2240	
	2560	2560	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]			
	-53	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]		E2	
tgt_Pim_Curr1empOrtset.CurrOrtsetY1_Volts_s4p11[0] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-53 -53	-53 -53	~

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]

CmMtrCurrTempOffset_Scom_Set

2016-07-24, 12:01:43+0530



Actual Value Expected Value tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3] -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4] -53 -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5] -53 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6] -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7] -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8] -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9] -53 -53 $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]$ -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11] -53 -53 $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]$ -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13] -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14] -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15] -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0] 35 35 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1] 37 37 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2] 39 39 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]$ 41 41 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4] 43 43 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]$ 45 45 47 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6] 47 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7] 49 49 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8] 51 51 53 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] 53 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] -2 -2 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] -4 -4 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12] -6 -6 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] -8 -8 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]$ -10 -10

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	~

-12

-12

Test Step 1.9 (Repeat Count = 1)	✓
Name	Input Value
CurrTempOffCal	tgt CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-1120
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-896
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-672
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-448
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-224
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	224
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	448
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	672
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	896
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	1120
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	1344
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	1568
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	1792
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	2016
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	2240
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	2464
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	53

2016-07-24, 12:01:43+0530



Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-20 -23		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-25 -27		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-21 -29		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-31		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-33		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[10]	-35		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-37		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-39		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-41		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[14]	-43		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-45		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
	-1120	•	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-896	-1120 -896	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-672	-672	
			-
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-448	-448	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-224 224	-224	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]		224	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	448	448	-
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	672	672	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	896 1120	896 1120	-
	1344	1344	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1568	1568	-
	1792	1792	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	2016	2016	-
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	2240	2240	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2464	2464	-
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	53	53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	53	53	-
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	53	53	-
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	53	53	V
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	53	53	-
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	53	53	*
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[6]	53	53	-
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	53	53	·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	53	53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53	53	V
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	53	53	_
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[11]	53	53	V
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	53	53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	53	53	V
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[14]	53	53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	53	53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14	-14	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16	-16	~
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[2]	-18	-18	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20	-20	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23	-23	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25	-25	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-27	-27	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-29	-29	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-31	-31	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-33	-33	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-35	-35	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-37	-37	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-39	-39	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-41	-41	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-43	-43	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-45	-45	~

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



Test Step 1.10 (Repeat Count = 1)			~
Name	Input Value		
CurrTempOffCal	tgt_CurrTempOffCal		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	288		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	384		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	608		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	704		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	928 1024		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1248		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	1344		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[8]	1568		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	1664		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	1888		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	1984		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	2208		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	2304		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	2528		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	2624		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	2		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	4		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	6		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	8		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	10 12		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	14		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	16		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	18		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	20		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	23		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	25		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	27		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	29		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	31		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	33		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-47		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-49		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-51		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	2		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	6		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[7]	8		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	10		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	12		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	20		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	23		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	25		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	288	288	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	384	384	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	608	608	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	704 928	704 928	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1024	1024	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1248	1248	
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	1344	1344	
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	1568	1568	
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[9]	1664	1664	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1888	1888	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1984	1984	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	2208	2208	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	2304	2304	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2528	2528	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2624	2624	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2	2	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4	4	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6	6	

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]

 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]$

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]

CmMtrCurrTempOffset_Scom_Set

2016-07-24, 12:01:43+0530



Actual Value Expected Value tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4] 10 10 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5] 12 12 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6] 14 14 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7] 16 16 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8] 18 18 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9] 20 20 $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]$ 23 23 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11] 25 25 $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]$ 27 27 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13] 29 29 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14] 31 31 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15] 33 33 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0] -47 -47 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1] -49 -49 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2] -51 -51 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]$ -53 -53 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4] 2 2 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5] 4 4 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6] 6 6 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7] 8 8 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8] 10 10

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

12

14

16

18

20

23

25

12

14

16

18

20

23

25

Test Step 1.11 (Repeat Count = 1) Name	
Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[0] 96 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[1] 192 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[2] 288 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[3] 416 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[4] 512 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[5] 608 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[6] 736 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[7] 832 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[8] 928	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[0] 96 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[1] 192 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[2] 288 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[3] 416 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[4] 512 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[5] 608 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[6] 736 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[7] 832 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[8] 928	
tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[1] 192 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] 288 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] 416 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] 512 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] 608 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] 736 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] 832 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] 928	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[2] 288 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[3] 416 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[4] 512 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[5] 608 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[6] 736 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[7] 832 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[8] 928	
tgl_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[3] 416 tgl_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[4] 512 tgl_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[5] 608 tgl_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[6] 736 tgl_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[7] 832 tgl_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[8] 928	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] 512 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] 608 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] 736 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] 832 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] 928	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] 608 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] 736 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] 832 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] 928	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] 736 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] 832 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] 928	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] 832 tgt_CurrTempOffSetX_DegC_s10p5[8] 928	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] 928	
tat CurrTempOffCal CurrTempOffsetX DeaC s10p5[0] 1056	
tgt_out rempondation rempondativ_bego_s repotes	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] 1152	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] 1248	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] 1376	
tgt_CurrTempOffcal.CurrTempOffsetX_DegC_s10p5[13] 1472	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] 1568	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] 1760	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14] 0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15] 0	

2016-07-24, 12:01:43+0530



CmMtrCurrTempOffset_Scom_Set	,		Razorcat
Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	35		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	37		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	39		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	41		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	43		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	45		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	47		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	49		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-6		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-8		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-10		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-12		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	96	96	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	192	192	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	288	288	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	416	416	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	512	512	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	608	608	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	736	736	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	832	832	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	928	928	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1056	1056	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1152	1152	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1248	1248	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1376	1376	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1472	1472	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	1568	1568	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	1760	1760	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	0	0	•
tot Pim CurrTempOffset CurrOffsetY1 Volts s4p11[1]	0	0	

tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	288	288	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	416	416	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	512	512	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	608	608	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	736	736	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	832	832	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	928	928	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1056	1056	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1152	1152	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1248	1248	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1376	1376	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1472	1472	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	1568	1568	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	1760	1760	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	0	0	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	0	0	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	0	0	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	0	0	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	35	35	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	37	37	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	39	39	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	41	41	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	43	43	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	45	45	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	47	47	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	49	49	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	51	51	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53	53	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-2	-2	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-4	-4	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-6	-6	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-8	-8	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-10	-10	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-12	-12	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr FOI CurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr FOI CurrTempOffset WriteBlock	1	



Test Step 1.12 (Repeat Count = 1)			✓
Name	Input Value		
CurrTempOffCal	tgt_CurrTempOffCal		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-928		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-608		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	0		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	736 1056		
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[4]	1408		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1568		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[7]	2016		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2368		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2688		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	2848		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3200		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3936		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4544 4640		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4768		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-14		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[1]	-16		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-18		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-20		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	-23		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	-25		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-27		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	-29		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	-31		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-33 -35		
tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11]	-37		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[12]	-39		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-41		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-43		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-45		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-20 -23		
tgt_CurrTempOffCal.CurrOffsetY2_volts_s4p11[5]	-25		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-27		
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[7]	-29		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-31		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-33		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-35		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-37		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-39		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-41		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-43 -45		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-928	-928	/Court
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-608	-608	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	0	0	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	736	736	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1056	1056	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1408	1408	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1568	1568	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2016	2016	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2368	2368	· ·
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	2688 2848	2688 2848	Ž
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3200	3200	-
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3936	3936	-
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4544	4544	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4640	4640	-
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4768	4768	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]			
	-14	-14	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-14 -16 -18	-14 -16 -18	~

CmMtrCurrTempOffset_Scom_Set

2016-07-24, 12:01:43+0530



Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-20	-20	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-23	-23	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-25	-25	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-27	-27	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-29	-29	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-31	-31	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-33	-33	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-35	-35	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-37	-37	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-39	-39	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-41	-41	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-43	-43	✓
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-45	-45	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14	-14	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16	-16	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-18	-18	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20	-20	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23	-23	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25	-25	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-27	-27	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-29	-29	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-31	-31	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-33	-33	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-35	-35	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-37	-37	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-39	-39	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-41	-41	✓
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-43	-43	✓
tat Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[15]	-45	-45	✓

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

Test Step 1.13 (Repeat Count = 1)	I WI
Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	320
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	640
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	960
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1600
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1280
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1920
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2240
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2560
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2880
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3200
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3520
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3840
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4160
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4480
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4800
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-47
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-49
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-51
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	2
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	4
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	6
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	8
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	10
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	12
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	14
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	16
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	18
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	20
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	23
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[15]	25

2016-07-24, 12:01:43+0530



CmMtrCurrTempOffset_Scom_Set		MAZUICAL	
Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-53		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	0	0	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	320	320	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	640	640	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	960	960	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1600	1600	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1280	1280	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1920	1920	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2240	2240	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2560	2560	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2880	2880	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3200	3200	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3520	3520	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3840	3840	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4160	4160	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4480	4480	~

tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2240	2240	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2560	2560	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2880	2880	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3200	3200	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3520	3520	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3840	3840	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4160	4160	•
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4480	4480	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800	4800	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-47	-47	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-49	-49	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-51	-51	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53	-53	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	2	2	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	4	4	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6	6	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	8	8	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	10	10	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	12	12	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	14	14	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	16	16	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18	18	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20	20	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23	23	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25	25	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-53	-53	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-53	-53	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-53	-53	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-53	-53	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-53	-53	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-53	-53	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-53	-53	~

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



Test Step 1.14 (Repeat Count = 1)			✓
Name	Input Value		
CurrTempOffCal	tgt_CurrTempOffCal		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	224		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	544		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	864		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	1184		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1504		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1824		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	2144		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2464		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2784		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	3104 3424		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3744		
tgt CurrTempOffCal.CurrTempOffsetX_DegC s10p5[12]	4064		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[13]	4384		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4480		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4704		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	2		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	4		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	6		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	8		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	10		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	12		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	14		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	16		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	18		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	20		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	23		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	25		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	27 29		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	31		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	33		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	53 53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	53		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	53		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	224	224	result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	544	544	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	864	864	~
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[3]	1184	1184	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1504	1504	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1824	1824	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2144	2144	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2464	2464	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2784	2784	~
$tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]$	3104	3104	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3424	3424	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3744	3744	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4064	4064	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4384	4384	· ·
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4480	4480	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2	4704	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4	4	
		7	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6	6	✓

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]

 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]$

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]

CmMtrCurrTempOffset_Scom_Set

2016-07-24, 12:01:43+0530



Actual Value Expected Value tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9] $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]$ tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11] $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]$ tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2] $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]$ tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4] $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]$ tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	~

Test Step 1.15 (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
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	32
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	352
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	672
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	992
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1312
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1632
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1952
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2272
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2592
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2912
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3232
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3552
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3872
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4192
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4512
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4768
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	35
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	37
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	39
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	41
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	43
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	45
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	47
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	49
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	51
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	53
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-2
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-4
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-6
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-8
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-10
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-12

CmMtrCurrTempOffset_Scom_Set

2016-07-24, 12:01:43+0530



Input Value tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0] 2 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] 4 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2] 6 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3] 8 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4] 10 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5] 12 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6] 14 16 $tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]$ tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8] 18 20 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10] 23 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11] 25 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12] 27 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13] 29 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14] 31 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15] 33

tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset			ffset tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	32	32	~			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	352	352	✓			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	672	672	~			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	992	992	✓			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1312	1312	~			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1632	1632	✓			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1952	1952	~			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2272	2272	✓			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2592	2592	~			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2912	2912	✓			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3232	3232	~			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3552	3552	✓			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3872	3872	~			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4192	4192	✓			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4512	4512	~			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4768	4768	✓			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35	35	~			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	37	37	•			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39	39	~			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	41	41	•			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	43	43	~			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	45	45	•			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	47	47	~			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	49	49	✓			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	51	51	•			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53	53	•			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-2	-2	~			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-4	-4	•			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-6	-6	~			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-8	-8	•			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-10	-10	~			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-12	-12	✓			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2	2	~			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4	4	✓			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6	6	~			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8	8	•			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10	10	~			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12	12	~			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14	14	~			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16	16	•			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18	18	~			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20	20	•			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23	23	•			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25	25	•			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27	27	~			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29	29	~			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31	31	~			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33	33	✓			

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



Test Step 1.16 (Repeat Count = 1)			✓
Name	Input Value		
CurrTempOffCal	tgt_CurrTempOffCal	tgt_CurrTempOffCal	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	·	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-1184		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-928 480	-928	
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[3]	960		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[4]	1440		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1920		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	2240		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2400		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2496		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	3552		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3648		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3936		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	4256		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4544 4576		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4736		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[0]	-14		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-16		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[2]	-18		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-20		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	-23		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	-25		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-27		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	-29		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	-31		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	-33		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-35		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-37		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[13]	-39 -41		
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[14]	-43		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-45		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8] tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[9]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	0		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	0		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1184	-1184	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-928	-928	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	480	480	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	960	960	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1440	1440	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1920	1920	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2240	2240	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2400	2400 2496	*
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2496 3552	3552	-
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3648	3648	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3936	3936	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4256	4256	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4544	4544	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4576	4576	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4736	4736	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-14	-14	✓
	**		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-16 -18	-16 -18	*

2016-07-24, 12:01:43+0530



Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-20	-20	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-23	-23	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-25	-25	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-27	-27	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-29	-29	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-31	-31	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-33	-33	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-35	-35	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-37	-37	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-39	-39	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-41	-41	•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-43	-43	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-45	-45	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	0	0	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	0	0	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	0	0	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	0	0	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	~

Test Step 1.17 (Repeat Count = 1)		
Name	Input Value	
CurrTempOffCal	tgt_CurrTempOffCal	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	0	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	192	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	512	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	832	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1152	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1472	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1792	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2112	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2432	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2752	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3072	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3392	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3712	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4032	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4352	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4672	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-47	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-49	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-51	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-53	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	2	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	4	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	6	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	8	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	10	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	12	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	14	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	16	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	18	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	20	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	23	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	25	

2016-07-24, 12:01:43+0530



CmMtrCurrTempOffset_Scom_Set

Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-20		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-23		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-25		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-27		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-29		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-31		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-33		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-35		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-37		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-39		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-41		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-43		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-45		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	0	0	_
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	192	192	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	512	512	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	832	832	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1152	1152	
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[5]	1472	1472	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1792	1792	_
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	2112	2112	~
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	2432	2432	_
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2752	2752	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3072	3072	_
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3392	3392	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3712	3712	_
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4032	4032	✓
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4352	4352	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4672	4672	
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[0]	-47	-47	
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[1]	-49	-49	·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-51	-51	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53	-53	·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	2	2	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	4	4	_
	6	6	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	8	8	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	10	10	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	12	12	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	14	14	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	16	16	· ·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18	18	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20	20	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23	23	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25	25	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14	-14	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16	-16	_
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-18	-18	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20	-20	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23	-23	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25	-25	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-27	-27	~
1 1 D: 0 T 0" 10 0" 100 11 H 1 11TT	00		

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Pto Call Sa CmMtrCurr EOI CurrTempOffset WriteBlock	1	Pto Call Sa CmMtrCurr EOI CurrTempOffset WriteBlock	1	-

-29

-31

-33

-35

-37

-39

-41

-43

-45

-29

-31

-33

-35

-37

-39

-41

-43

-45

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]

 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]$

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]

 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]$

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]

2016-07-24, 12:01:43+0530

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CmMtrCurr_Init

Project CmMtrCurr1

Module CmMtrCurr_MTRCURRPHASEAB_ON

Test Object CmMtrCurr_Init

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\CmMtrCurr_FDD1C_010.0_NoUTP
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\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)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\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	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT) \StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470 4.9.5\include

Comments/Description/Specification		
Name	Text	



Module 'CmMtrCurr MTRCURRPHASEAB ON

Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2

Code File(s) Version:2
Module Design Document: CmMtrCurr_MDD.docx
Module Design Document Version:2
Data Dictionary Version:2
Unit Test Plan Version: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 1.32
Total FLASH Used (Bytes): 3176
Total RAM Used (Bytes): 130
Total CALS Used (Bytes): 46
Special Test Requirements: NA
Test Date: 7/23/2016

Test Date:7/23/2016
Comments:
"Note1: Inline functions defined in globalmacro.h are not unit tested.

Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference.

Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :-MtrCurr2SumHi_Volt_M_f32 , VecuSum_Volt_M_f32 , MtrCurr1SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr1SumZero_Volt_M_f32,MtrCurr2SumZero_Volt_M_f32, CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 .

Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

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	\$(ProgramFiles)\pls\UDE 4.4
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\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

TS1.1 526.00 Cycles TS1.2 602.00 Cycles

Description VECTOR DESCRIPTION:

131.1	SHOILEST EXECT	111011 Palii——> ((i	KIE_PIIII_SIICUI	I Cal()-/EULIVIII CI	un vealeniu_voile	JII(S_132) /- D_IVIIN	VCALCIVID_CIVI_	-32) - Hue
TS1 2	Longest Execu	tion Path==> ((F	Rte Pim ShCuri	Cal()->FOLMtrCu	rrVcalCmd_VoltC	ints f32) >= D MIN\	/CALCMD_CNT_I	-32) = False
	zongoot zaoot	(()		20.()				02) . 0.00

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.1176		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	102.3828		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30761.59782		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.723786235	0.723786237 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242E-05 ± 0.00001	✓
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242E-05 ± 0.00001	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0588		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	51.1914		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	9601.021615		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.408979118		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.474439561	0.474439572 ± 0.000009	-
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	•
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	0	0 ± 0.00001	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~



Test Case 2: Range Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

TS2.1 All Min TS2.2 All Max

TS2.2 All Max

TS2.3 Rte_Pim_ShCurrCal.EOLMtrCurrlOffsetDiff_Volts_f32==>Min

TS2.4 Rte_Pim_ShCurrCal.EOLMtrCurrlOffsetDiff_Volts_f32==>Max

TS2.5 Rte_Pim_ShCurrCal.EOLMtrCurrlOffsetDiff_Volts_f32==>Pos

TS2.6 Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Min

TS2.7 Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Max

TS2.8 Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos

TS2.9 Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Min

TS2.10 Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Max

TS2.11 Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Pos

TS2.12 Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Pos

TS2.12 kc_urrCorrErrFiltFc_Hz_f32==>Min
TS2.13 k_CurrCorrErrFiltFc_Hz_f32==>Max
TS2.14 k_CurrCorrErrFiltFc_Hz_f32==>Pos/Default
TS2.15 CmMtrCurr_CurrCorrDiagKSV_M_str.K==>Min
TS2.16 CmMtrCurr_CurrCorrDiagKSV_M_str.K==>Pos
TS2.17 CmMtrCurr_CurrCorrDiagKSV_M_str.K==>Pos

Description VECTOR DESCRIPTION:

TS2.1 All Min

TS2.3 Rte Pim_ShCurrCal.EOLMtrCurr10ffsetDiff_Volts_f32==>Min
TS2.4 Rte Pim_ShCurrCal.EOLMtrCurr10ffsetDiff_Volts_f32==>Max
TS2.5 Rte Pim_ShCurrCal.EOLMtrCurr10ffsetDiff_Volts_f32==>Pos
TS2.6 Rte Pim_ShCurrCal.EOLMtrCurr20ffsetDiff_Volts_f32==>Min
TS2.7 Rte Pim_ShCurrCal.EOLMtrCurr20ffsetDiff_Volts_f32==>Min
TS2.8 Rte_Pim_ShCurrCal.EOLMtrCurr20ffsetDiff_Volts_f32==>Pos
TS2.9 Rte Pim_ShCurrCal.EOLMtrCurr20ffsetDiff_Volts_f32==>Pos
TS2.9 Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Min
TS2.10 Pta Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Min

TS2.10 Rte Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Max
TS2.11 Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Pos

TS2.11 Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_Volt0
TS2.12 k_CurrCorrErrFiltFc_Hz_f32==>Min
TS2.13 k_CurrCorrErrFiltFc_Hz_f32==>Max
TS2.14 k_CurrCorrErrFiltFc_Hz_f32==>Pos
TS2.15 CmMtrCurr_CurrCorrDiagKSV_M_str.K==>Min
TS2.16 CmMtrCurr_CurrCorrDiagKSV_M_str.K==>Max
TS2.17 CmMtrCurr_CurrCorrDiagKSV_M_str.K==>Pos

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0	0 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✓
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	0	0 ± 0.00001	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.99998474		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	882.5424		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.999984741	0.999984741 ± 0.000009	•
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.75000018e-005	0.0000375 ± 0.00001	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.75000018e-005	0.0000375 ± 0.00001	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~





Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0588		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	51.1914		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	9601.021615		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.408979118		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.474439561	0.474439572 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.4 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.1176		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	102.3828		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30761.59782		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.723786235	0.723786237 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242E-05 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242E-05 ± 0.00001	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.5 (Repeat Count = 1)	Test Step 2.5 (Repeat Count = 1)			
Name	Input Value			
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.1764			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrCorrErrFiltFc_Hz_f32	153.5742			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	39424.32569			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.5			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.78877455			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.854833007	0.854832977 ± 0.000009	-	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.34126263e-005	0.0000634126254834788 ± 0.00001	✓	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.53723587e-005	4.53724E-05 ± 0.00001	-	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.6 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.2352	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrCorrErrFiltFc_Hz_f32	204.7656	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72006.21012	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.8079	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1	

2016-07-24, 12:04:59+0530



CmMtrCurr_Init

Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.923705935	0.923705957 ± 0.000009	•
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.89952475e-005	3.89952E-05 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.38876912e-005	1.38877E-05 ± 0.00001	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.7 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.294		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	255.957		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	13553.04016		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.6534		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.959902883	0.95990287 ± 0.000009	•
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✓
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.3528		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	307.1484		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	66035.03754		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.3852		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.5		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.978926539	0.978926535 ± 0.000009	•
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.61202183e-005	3.61202E-05 ± 0.00001	•
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	3.78586883e-005	0.0000378586897672723 ± 0.00001	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	_	

Name	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.K Uls f32	0.4116		
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	358.3398		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.9478		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.518459141		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.988924623	0.988924621 ± 0.000009	-
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	•
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	0	0 ± 0.00001	•





Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.10 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.4704			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	409.5312	409.5312		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2547			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.858933568			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.994179249	0.994179219 ± 0.000009	✓	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	1.56837486e-005	1.56838E-05 ± 0.00001	✓	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.57366698e-005	3.57367E-05 ± 0.00001	~	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.5292		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	460.7226		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	49634.3654		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.1954		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.820237339		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.996940851	0.996940828 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.40841182e-005	2.40841E-05 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.68202558e-005	5.68203E-05 ± 0.00001	~

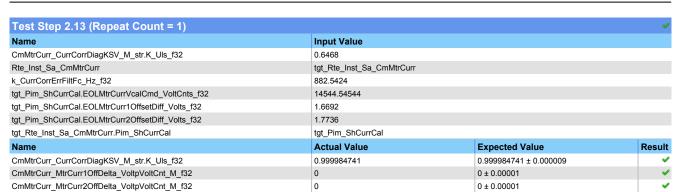
Test Step Call Trace				✓	
	Actual Function	Count	Expected Function	Count	Result
	none	0	*** No Call Expected ***	0	~

Test Step 2.12 (Repeat Count = 1)			<u> </u>
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.588		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	7272.27272		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.5301		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.6258		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0	0 ± 0.000009	•
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	•
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	0	0 ± 0.00001	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

CmMtrCurr_Init





Test Step Call Trace					V
Actual Function	Count	Expected Function	Count	Resu	lt
none	0	*** No Call Expected ***	0		✓

Test Step 2.14 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.7056		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	1.79534292		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	21816.81816		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.8083		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.9214		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0223083496	0.0223083496 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	8.28855991e-005	8.28856E-05 ± 0.00001	✓
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	8.8069668e-005	8.80697E-05 ± 0.00001	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Name	Input Value			
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrCorrErrFiltFc_Hz_f32	767.871	767.871		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	65450.45448			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.6429			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.8082			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resul	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.999935508	0.999935533 ± 0.000009	•	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.03801641e-005	4.03802E-05 ± 0.00001	•	
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	4.29057363e-005	4.29057E-05 ± 0.00001		

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~



Test Step 2.16 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.99998474			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrCorrErrFiltFc_Hz_f32	819.0624			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72722.7272	72722.7272		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.782			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.956			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.999966145	0.999966119 ± 0.000009	~	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.82548933e-005	3.82549E-05 ± 0.00001	~	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.0647541e-005	4.06475E-05 ± 0.00001	~	

Test Step Call Trace			V		
Actual Function	Count	Expected Function	Count	Resu	lt
none	0	*** No Call Expected ***	0		✓

Test Step 2.17 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.58478		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	870.2538		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79994.99992	79994.99992	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.9211		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.9787		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.999982178	0.999982193 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.65160304e-005	3.6516E-05 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.72360773e-005	3.72361E-05 ± 0.00001	~

7	Test Step Call Trace			V	
1	actual Function	Count	Expected Function	Count	Result
*	none*	0	*** No Call Expected ***	0	~

Test Case 3: Path Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

TS3.1 602.00 Cycles TS3.2 569.00 Cycles

Description VECTOR DESCRIPTION:

TS3.1 If ((Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32) >= D_MINVCALCMD_CNT_F32)==>True TS3.2 If ((Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32) >= D_MINVCALCMD_CNT_F32)==>False

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.1176		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	102.3828		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30761.59782		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.723786235	0.723786237 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242E-05 ± 0.00001	~
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	9.75241928e-005	9.75242E-05 ± 0.00001	•

Test Step Call Trace ✓				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~



Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.4116		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	358.3398		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.9478	2.9478	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.518459141	2.518459141	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.988924623	0.988924621 ± 0.000009	~
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

2016-07-24, 11:56:48+0530



CmMtrCurr_SCom_CalGain

Project CmMtrCurr1

Module CmMtrCurr_MTRCURRPHASEAB_ON

Test Object CmMtrCurr_SCom_CalGain

Instrumentation: Test Object Only

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

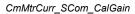
Statistics

Total Testcases	3	
Successful	3	✓
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\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)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\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	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Deonst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT) \StdDepinclude - I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\ccsv4\tools\ccsv4\tools\cdot\sigma\cdot\

Comments/Description/Specification		
Name	Text	





Module 'CmMtrCurr MTRCURRPHASEAB ON

Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2

Code File(s) Version:2
Module Design Document: CmMtrCurr_MDD.docx
Module Design Document Version:2
Data Dictionary Version:2
Unit Test Plan Version: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 1.32
Total FLASH Used (Bytes): 3176
Total RAM Used (Bytes): 130
Total CALS Used (Bytes): 46
Special Test Requirements: NA
Test Date: 7/23/2016

Test Date:7/23/2016
Comments:
"Note1: Inline functions defined in globalmacro.h are not unit tested.

Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference.

Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :-MtrCurr2SumHi_Volt_M_f32 , VecuSum_Volt_M_f32 , MtrCurr1SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr1SumZero_Volt_M_f32,MtrCurr2SumZero_Volt_M_f32, CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 .

Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

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	\$(ProgramFiles)\pls\UDE 4.4
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\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

TC1.1 778.00 Cycles TC1.2 839.00 Cycles

Description

VECTOR DESCRIPTION:

TS1.1 Shortest Execution Path==> ((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) = FALSE && (CmMtrCurr_CurrentGainSvc_Cnt_M_lgc == TRUE) = False)
TS1.2 "Longest Execution Path==> ((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) = True && (CmMtrCurr_CurrentGainSvc_Cnt_M_lgc == TRUE) = True);
(VehSpd_Kph_T_f32 < FLT_EPSILON) = True && (VhSpdValid_T_Cnt_lgc == TRUE) = True;
(MtrCurr2Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_AmpspVolts_f32) = True && (MtrCurr2Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32) = True && (MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32) = True && (MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32) False"

Test Step 1.1 (Repeat Count = 1)			✓.
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.15951061		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.61391854		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.28594756		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13913393		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	/trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	/hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	31.9035587		
k_MaxCurrOffMtrVel_RadpS_f32	-10.8761864		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	25.1560555		
k_MtrCurrEOLMinGain_AmpspVolts_f32	23.0745354		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.4717789		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.42092897e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.4717789	54.4717789	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624	39.4476624	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Name	Input Value
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.94878829
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.354222178
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.81953025
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data
k_CurrGainNumerator_Amps_f32	68.7071075
k_MaxCurrOffMtrVel_RadpS_f32	13.807971
k_MtrCurrEOLMaxGain_AmpspVolts_f32	50
k_MtrCurrEOLMinGain_AmpspVolts_f32	30
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	12
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008

TEST DETAILS REPORT

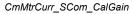
2016-07-24, 11:56:48+0530



CmMtrCurr_	SCom_	_CalGain

Name	Input Value		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792	103.155792	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005	41.77005	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~





Test Case 2: Range Test

```
Specification
```

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

778.00 Cycles
779.00 Cycles
820.00 Cycles
781.00 Cycles
788.00 Cycles
777.00 Cycles
779.00 Cycles TC2.2 TC2.3 TC2.4 TC2.5 TC2.6 TC2.7 TC2.8 TC2.10 TC2.11 TC2.14 TC2.15 TC2.16 TC2.17 TC2.18 779.00 Cycles
820.00 Cycles
827.00 Cycles
819.00 Cycles
819.00 Cycles
819.00 Cycles
818.00 Cycles
818.00 Cycles
837.00 Cycles
839.00 Cycles
824.00 Cycles
819.00 Cycles
819.00 Cycles
818.00 Cycles
818.00 Cycles
818.00 Cycles
818.00 Cycles
831.00 Cycles
831.00 Cycles
831.00 Cycles
831.00 Cycles
831.00 Cycles TC2.18 TC2.19 TC2.20 TC2.21 TC2.22 TC2.23 TC2.24 TC2.24 TC2.25 TC2.26 TC2.27 TC2.28 TC2.29 TC2.30 TC2.31 TC2.32 TC2.33 TC2.34 TC2.35 TC2.36 TC2.37 819.00 Cycles 824.00 Cycles 819.00 Cycles TC2.38 TC2.39 TC2.40 818.00 Cycles 818.00 Cycles 824.00 Cycles 790.00 Cycles 895.00 Cycles TC2.41 TC2.42 TC2.43 TC2.44 TC2.45 888.00 Cycles 789.00 Cycles 790.00 Cycles

Description

VECTOR DESCRIPTION:

TS2.1All Min

TS2.2All Max TS2.3MtrVel_MtrRadpS_f32==>Min

TS2.4MtrVel_MtrRadpS_f32==>Max TS2.5MtrVel_MtrRadpS_f32==>Pos

TS2.5MtrVel_MtrRadpS_f32==>Pos
TS2.6MtrVel_MtrRadpS_f32==>Pos
TS2.6MtrVel_MtrRadpS_f32==>Neg
TS2.7MtrVel_MtrRadpS_f32==>Neg
TS2.8VehSpd_Kph_f32==>Min
TS2.9VehSpd_Kph_f32==>Max
TS2.10VehSpd_Kph_f32==>Pos
TS2.11CurrentGainSvc_Cnt_M_lgc==>Min
TS2.12CurrentGainSvc_Cnt_M_lgc==>Max
TS2.13CurrentGainSvc_Cnt_M_lgc==>Pos
TS2.14k_MaxCurrOffMtrVel_RadpS_f32==>Min
TS2.15k_MaxCurrOffMtrVel_RadpS_f32==>Max
TS2.16k_MaxCurrOffMtrVel_RadpS_f32==>Pos
TS2.17k_MaxCurrOffMtrVel_RadpS_f32==>Pos
TS2.18k_MaxCurrOffMtrVel_RadpS_f32==>Neg
TS2.19k_MaxCurrOffMtrVel_RadpS_f32==>Neg
TS2.19k_MaxCurrOffMtrVel_RadpS_f32==>Neg
TS2.19k_MaxCurrOffMtrVel_RadpS_f32==>Default
TS2.20k_CurrGainNumerator_Amps_f32==>Min

TS2.20k_CurrGainNumerator_Amps_f32==>Min TS2.21k_CurrGainNumerator_Amps_f32==>Max TS2.22k_CurrGainNumerator_Amps_f32==>Pos

TS2.22k_CurrGainNumerator_Amps_f32==>Pos
TS2.23k_CurrGainNumerator_Amps_f32==>Default
TS2.24FiitMtrCurr1_Volts_M_f32==>Min
TS2.25FiitMtrCurr1_Volts_M_f32==>Pos
TS2.26FiitMtrCurr2_Volts_M_f32==>Min
TS2.28FiitMtrCurr2_Volts_M_f32==>Max

TS2.29FiltMtrCurr2_Volts_M_f32==>Pos TS2.30MtrCurr1OffsetZero_Volts_M_f32==>Min TS2.31MtrCurr1OffsetZero_Volts_M_f32==>Max

TS2.32MtrCurr1OffsetZero_Volts_M_f32==>Pos TS2.33MtrCurr2OffsetZero_Volts_M_f32==>Min TS2.34MtrCurr2OffsetZero_Volts_M_f32==>Max

TS2.354MtCurr2OffsetZero_Volts_M_f32==>Mix
TS2.35MtrCurr2OffsetZero_Volts_M_f32==>Pos
TS2.36k_MtrCurrEOLMinGain_AmpspVolts_f32==>Mix
TS2.37k_MtrCurrEOLMinGain_AmpspVolts_f32==>Max
TS2.38k_MtrCurrEOLMinGain_AmpspVolts_f32==>Pos

TS2.39k_MtrCurrEOLMinGain_AmpspVolts_f32==>Default TS2.40k_MtrCurrEOLMaxGain_AmpspVolts_f32==>Min TS2.41k_MtrCurrEOLMaxGain_AmpspVolts_f32==>Max

TS2.42k_MtrCurrEOLMaxGain_AmpspVolts_f32==>Pos TS2.43k_MtrCurrEOLMaxGain_AmpspVolts_f32==>Default

TS2.44VhSpdValid_Cnt_lgc==>True

TS2.45VhSpdValid_Cnt_lgc==>False

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5



Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	0		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	_VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	10		
k_MaxCurrOffMtrVel_RadpS_f32	-20		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	20		
k_MtrCurrEOLMinGain_AmpspVolts_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20	20	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte Read Sa CmMtrCurr VhSpdValid Cnt lgc	1	Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	✓

Test Step 2.2 (Repeat Count = 1)			J.
	Innut Value		_
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	5		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	5		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrR	adpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kpl	n_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	100		
k_MaxCurrOffMtrVel_RadpS_f32	20		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	125		
k_MtrCurrEOLMinGain_AmpspVolts_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	1118		
tgt Rte Read Sa CmMtrCurr VehSpd Kph f32 data	255		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	~
tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	125	125	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~



Test Step 2.3 (Repeat Count = 1)			-
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.15951061		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.61391854		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.28594756		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13913393		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_I	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	31.9035587		
k_MaxCurrOffMtrVel_RadpS_f32	-10.8761864		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	25.1560555		
k_MtrCurrEOLMinGain_AmpspVolts_f32	23.0745354		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.4717789		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.42092897e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	-
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.4717789	54.4717789	•
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624	39.4476624	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Name	Innut Value		
	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.80455792		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.5402112		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.63160253		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.09609175		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_N	/trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	89.952034		
k_MaxCurrOffMtrVel_RadpS_f32	-5.40126753		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	122.265915		
k_MtrCurrEOLMinGain_AmpspVolts_f32	123.037086		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	89.4126968		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.32092897e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_SCom_CalGain()	34	34	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20	20	
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	89.4126968	89.4126968	

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~		



Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.21432745		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.37371659		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_I	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	21.7974014		
k_MaxCurrOffMtrVel_RadpS_f32	2.6853888		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	82.6539917		
k_MtrCurrEOLMinGain_AmpspVolts_f32	110.010643		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.273819		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	325.200012		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.22092896e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125	125	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.273819	25.273819	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	

Name	Innut Value		
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.186926723		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.337590337		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.16958308		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_N	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	61.8514366		
k_MaxCurrOffMtrVel_RadpS_f32	-5.42132139		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	49.2117958		
k_MtrCurrEOLMinGain_AmpspVolts_f32	50.3813629		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	112.796776		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.12092895e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_SCom_CalGain()	34	34	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53	53	
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	112.796776	112.796776	

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~		



Test Step 2.7 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.75539064		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.76694405		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Ve	ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_Vf	nSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	65.2313766		
k_MaxCurrOffMtrVel_RadpS_f32	-11.6234684		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	69.7472534		
k_MtrCurrEOLMinGain_AmpspVolts_f32	41.77005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.94371		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-286.100006		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.02092894e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.94371	115.94371	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20	20	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	

Test Step 2.8 (Repeat Count = 1)			9
Name	Inmut Value		Ť
	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.31525755		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.4392966		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrR	adpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kpl	n_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	65.5278931		
k_MaxCurrOffMtrVel_RadpS_f32	3.73730636		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	55.389286		
k_MtrCurrEOLMinGain_AmpspVolts_f32	66.9764252		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.832649		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	3		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.832649	112.832649	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125	~

Test Step Call Trace							
Actual Function	Count	Expected Function	Count	Result			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~			
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•			
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~			

 $tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32$ tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32

CmMtrCurr_SCom_CalGain



Test Step 2.9 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.46488023		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.315663815		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.05782449		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	73.1418304		
k_MaxCurrOffMtrVel_RadpS_f32	5.8294816		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	109.092964		
k_MtrCurrEOLMinGain_AmpspVolts_f32	92.6149826		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	5		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	255		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.1647263	✓

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~		

31

31

Test Step 2.10 (Repeat Count = 1)			J
Name	Input Value		
CmMtrCurr CurrentGainSvc Cnt M Igc	1		
CmMtrCurr FiltMtrCurr1 Volt M f32	5		
CmMtrCurr FiltMtrCurr2 Volt M f32	4.6822896		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.96990252		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.39276075		
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
Rte Read Sa CmMtrCurr MtrVel MtrRadpS f32(data)	tgt Rte Read Sa CmMtrCurr M	Atrivel MtrRados f32 data	
Rte Read Sa CmMtrCurr VehSpd Kph f32(data)	tgt Rte Read Sa CmMtrCurr V	_	
Rte Read Sa CmMtrCurr VhSpdValid Cnt Iqc(data)	tgt Rte Read Sa CmMtrCurr V		
k CurrGainNumerator Amps f32	87.3520889	riispuvaliu_ciii_igc_uata	
k MaxCurrOffMtrVel RadpS f32	14		
k MtrCurrEOLMaxGain AmpspVolts f32	94.9676437		
k_MtrCurrEOLMinGain_AmpspVolts_f32	49.8012352		
tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	33.0467796		
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt_132	31.6057796		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal		
	0		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	13		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	112.221352		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	21	21	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796	33.0467796	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.6057796	31.6057796	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~



Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.80097008		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.220229387		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.37640941		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	18.8776169		
k_MaxCurrOffMtrVel_RadpS_f32	-17.4999733		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	113.761436		
k_MtrCurrEOLMinGain_AmpspVolts_f32	122.311699		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	121.140739		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	30.4687443		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-358.884979		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	106.661987		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	121.140739	121.140739	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	30.4687443	30.4687443	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Test Step 2.12 (Repeat Count = 1)			J.
	Immut Value		·
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.34404659		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.817958236		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.36003387		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.59666729		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrF	tadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kp	h_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid	_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	45.8946037		
k_MaxCurrOffMtrVel_RadpS_f32	6.0018301		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	42.0015259		
k_MtrCurrEOLMinGain_AmpspVolts_f32	39.4476624		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.513512		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	58.6394958		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	5		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	31.509201		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	21	21	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.513512	104.513512	-
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	58.6394958	58.6394958	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~



Test Step 2.13 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.38193107		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.01512814		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.15354538		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.73478293		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	84.8754425		
k_MaxCurrOffMtrVel_RadpS_f32	14.3808813		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	31.7918854		
k_MtrCurrEOLMinGain_AmpspVolts_f32	89.4126968		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	93.8062134		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.7233143		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-130.417068		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	244.264435		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	93.8062134	93.8062134	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.7233143	25.7233143	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Test Step 2.14 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.39193523		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.5775491		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.47839379		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	34.4000244		
k_MaxCurrOffMtrVel_RadpS_f32	-20		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	69.7639389		
k_MtrCurrEOLMinGain_AmpspVolts_f32	25.273819		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.5700874		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.058647		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1044.89429		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	204.108109		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.5700874	62.5700874	•
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	122.058647	122.058647	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~



Test Step 2.15 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.61595106		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	5		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.04681456		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	71.7374725		
k_MaxCurrOffMtrVel_RadpS_f32	20		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	33.1933517		
k_MtrCurrEOLMinGain_AmpspVolts_f32	112.796776		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	21.7275562		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1068.23291		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	178.248962		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	21.7275562	21.7275562	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Test Step 2.16 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.30681849		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.26103485		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.50823259		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.98266852		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_I	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	46.0540466		
k_MaxCurrOffMtrVel_RadpS_f32	16.4224472		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	36.7433815		
k_MtrCurrEOLMinGain_AmpspVolts_f32	25.7839298		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-305.718506		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	102.810776		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598	37.7828598	•
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	80.8725357	80.8725357	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~



Test Step 2.17 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.77047086		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.35728502		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	5		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	85.930069		
k_MaxCurrOffMtrVel_RadpS_f32	0		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	72.9535217		
k_MtrCurrEOLMinGain_AmpspVolts_f32	71.5293884		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.4088211		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20.5383587		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-117.319763		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	4.17221069		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.4088211	37.4088211	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20.5383587	20.5383587	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Test Step 2.18 (Repeat Count = 1)			a
	Innut Value		·
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.89574933		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.03691816		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.95817947		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.86018288		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrR	adpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kpl	n_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	49.3872719		
k_MaxCurrOffMtrVel_RadpS_f32	-11.5441637		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	108.617409		
k_MtrCurrEOLMinGain_AmpspVolts_f32	70.047287		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.0303192		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	85.5710297		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-970.654724		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	42.9472809		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.0303192	74.0303192	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	85.5710297	85.5710297	-

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~



Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.30681849		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.26103485		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.50823259		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.98266852		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	46.0540466		
k_MaxCurrOffMtrVel_RadpS_f32	10		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	36.7433815		
k_MtrCurrEOLMinGain_AmpspVolts_f32	25.7839298		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-305.718506		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	102.810776		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598	37.7828598	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357	80.8725357	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Test Step 2.20 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.59620762		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.71786714		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.66684794		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.9502176		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_I	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	10		
k_MaxCurrOffMtrVel_RadpS_f32	11.5441637		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	92.1178284		
k_MtrCurrEOLMinGain_AmpspVolts_f32	31.6057796		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	93.8062134		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	11		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	93.8062134	93.8062134	•
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005	41.77005	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

 $tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data \\ tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data$

CmMtrCurr_SCom_CalGain



Test Step 2.21 (Repeat Count = 1) Input Value Name $CmMtrCurr_CurrentGainSvc_Cnt_M_lgc$ CmMtrCurr_FiltMtrCurr1_Volt_M_f32 0.390951276 $CmMtrCurr_FiltMtrCurr2_Volt_M_f32$ 3.6404748 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 1.14026868 $CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32$ 1.44701993 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data $Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)$ Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data) tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data) $tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data$ $k_CurrGainNumerator_Amps_f32$ 100 k MaxCurrOffMtrVel RadpS f32 13 102.015366 $k_MtrCurrEOLMaxGain_AmpspVolts_f32$ k MtrCurrEOLMinGain AmpspVolts f32 30.4687443 $tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32$ 62.5700874 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 66.9764252 $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal$ tgt_Pim_ShCurrCal

tgt_Rte_Read_Sa_ChilwitrCun_vnSpdvalid_Cht_lgc_data	l I		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.5700874	62.5700874	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	66.9764252	66.9764252	~

1.82092901e-008

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Test Step 2.22 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.943365812		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.601289749		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.96839261		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrV	el_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehS	Spd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSp	odValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	71.7374725		
k_MaxCurrOffMtrVel_RadpS_f32	10		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	25.501339		
k_MtrCurrEOLMinGain_AmpspVolts_f32	58.6394958		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	21.7275562		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	92.6149826		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	9		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	21.7275562	21.7275562	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	92.6149826	92.6149826	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~



Test Step 2.23 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.30681849		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.26103485		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.50823259		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.98266852		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	45		
k_MaxCurrOffMtrVel_RadpS_f32	16.4224472		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	36.7433815		
k_MtrCurrEOLMinGain_AmpspVolts_f32	25.7839298		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-305.718506		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	102.810776		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598	37.7828598	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357	80.8725357	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte Read Sa CmMtrCurr VhSpdValid Cnt lgc	1	Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	✓

Test Step 2.24 (Repeat Count = 1)			a
Name	Input Value		Ť
CmMtrCurr CurrentGainSvc Cnt M Igc	input value		
CmMtrCurr FiltMtrCurr1 Volt M f32			
	0		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.4721868		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.43143535		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrR	adpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kpl	h_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	91.8181686		
k_MaxCurrOffMtrVel_RadpS_f32	2.42746878		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	44.3826485		
k_MtrCurrEOLMinGain_AmpspVolts_f32	25.7233143		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	49.8012352		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	0	0	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.1404648	37.1404648	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	35.7468796	35.7468796	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	✓



Test Step 2.25 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.29574561		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	5		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	ltrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	29.8067837		
k_MaxCurrOffMtrVel_RadpS_f32	7.63191891		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	83.0960236		
k_MtrCurrEOLMinGain_AmpspVolts_f32	122.058647		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.4088211		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.311699		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	7		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.82092901e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.4088211	37.4088211	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.311699	122.311699	✓

Took Ston Coll Trace				
Test Step Call Trace				~
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	✓

Test Step 2.26 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.89574933		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.08408523		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.19748688		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.11710191		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrF	RadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kp	h_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	99.3749237		
k_MaxCurrOffMtrVel_RadpS_f32	12		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	124.75901		
k_MtrCurrEOLMinGain_AmpspVolts_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.0303192		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	9		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.0303192	74.0303192	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624	39.4476624	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~



Test Step 2.27 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.04084432		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_I	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	97.881012		
k_MaxCurrOffMtrVel_RadpS_f32	6.55960798		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	102.735748		
k_MtrCurrEOLMinGain_AmpspVolts_f32	80.8725357		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	89.4126968		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	6.23000002		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.52092898e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792	103.155792	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	89.4126968	89.4126968	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Test Step 2.28 (Repeat Count = 1)			•
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.35675466		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.22144949		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Mt	trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Ve	ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_Vh	nSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	89.2937164		
k_MaxCurrOffMtrVel_RadpS_f32	16.8791161		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	38.7834282		
k_MtrCurrEOLMinGain_AmpspVolts_f32	20.5383587		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	25.327858		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.273819		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	16		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.42092897e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	25.327858	25.327858	•
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.273819	25.273819	•

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~		



Test Step 2.29 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.07940292		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.44428372		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.62973619		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.88936687		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_I	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	57.5751991		
k_MaxCurrOffMtrVel_RadpS_f32	12		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	84.081665		
k_MtrCurrEOLMinGain_AmpspVolts_f32	85.5710297		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.9096909		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	112.796776		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	10.1199999		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.32092897e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.9096909	74.9096909	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	112.796776	112.796776	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	

Test Step 2.30 (Repeat Count = 1)			· ·
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_Igc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.44428372		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	0		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	nSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	69.2344742		
k_MaxCurrOffMtrVel_RadpS_f32	15.1930275		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	89.7380981		
k_MtrCurrEOLMinGain_AmpspVolts_f32	99.2575531		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	100.245132		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	15.1199999		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.82092901e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	100.245132	100.245132	•
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	20	20	•

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~		



Test Step 2.31 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.88392043		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	5		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_I	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	51.557972		
k_MaxCurrOffMtrVel_RadpS_f32	2.55310059		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	118.490364		
k_MtrCurrEOLMinGain_AmpspVolts_f32	61.2193489		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.871002		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2.2999995		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.871002	104.871002	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	

Test Step 2.32 (Repeat Count = 1)			J.
	Innut Value		·
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.39182651		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.50744832		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.62973619		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.21551538		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrR	adpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kpl	n_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	24.2459946		
k_MaxCurrOffMtrVel_RadpS_f32	11.6354561		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	73.9438934		
k_MtrCurrEOLMinGain_AmpspVolts_f32	80.1448822		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.4717789		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	11		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.52092898e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.4717789	54.4717789	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31	31	~

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~		



Test Step 2.33 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.32434344		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.86266994		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Ve	ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_Vi	hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	68.5189056		
k_MaxCurrOffMtrVel_RadpS_f32	14		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	75.8273315		
k_MtrCurrEOLMinGain_AmpspVolts_f32	37.3105354		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.6057796		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	13		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20	20	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.6057796	31.6057796	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	

Test Step 2.34 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.411308885			
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.266846538			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	5			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	65.7517548	65.7517548		
k_MaxCurrOffMtrVel_RadpS_f32	15			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	61.3199501			
k_MtrCurrEOLMinGain_AmpspVolts_f32	90.8617935			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	30.4687443			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	14			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.82092901e-008			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	20	20	~	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125	125	~	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	30.4687443	30.4687443	~	

Test Step Call Trace ✓						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~		



Test Step 2.35 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.798796892		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.88477182		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.88936687		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrV	el_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Veh	Spd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhS	pdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	87.710968		
k_MaxCurrOffMtrVel_RadpS_f32	10.6504936		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	71.788269		
k_MtrCurrEOLMinGain_AmpspVolts_f32	42.4383621		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	29.3317089		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	10		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53	53	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	29.3317089	29.3317089	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Test Step 2.36 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_Igc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.81969237		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.22000003		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.97216618		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	43.4224968		
k_MaxCurrOffMtrVel_RadpS_f32	2.10008311		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	53		
k_MtrCurrEOLMinGain_AmpspVolts_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.94371		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	28.1946735		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.94371	115.94371	•
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	28.1946735	28.1946735	•

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~		



Test Step 2.37 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.2738421		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.32999992		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_I	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	14.832902		
k_MaxCurrOffMtrVel_RadpS_f32	9.5131588		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	115.790657		
k_MtrCurrEOLMinGain_AmpspVolts_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.832649		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	27.0576382		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	9.10000038		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.52092898e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.832649	112.832649	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	27.0576382	27.0576382	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Test Step 2.38 (Repeat Count = 1)			9
	Innut Value		Ť
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.94060135		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.25965905		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	5		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.89822912		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrR	adpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kpl	n_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	56.0292397		
k_MaxCurrOffMtrVel_RadpS_f32	0.77640003		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	85.7566376		
k_MtrCurrEOLMinGain_AmpspVolts_f32	59.6098213		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.9206028		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.1647263	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.9206028	25.9206028	-

Test Step Call Trace ✓						
Actual Function	Count	Expected Function	Count	Result		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~		



Test Step 2.39 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.81969237		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.22000003		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.97216618		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	ftrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	43.4224968		
k_MaxCurrOffMtrVel_RadpS_f32	2.10008311		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	53		
k_MtrCurrEOLMinGain_AmpspVolts_f32	90		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.94371		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	28.1946735		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.94371	115.94371	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	28.1946735	28.1946735	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	

Test Step 2.40 (Repeat Count = 1)				
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5			
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.882408142			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.94972634			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_I	MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	14.9700756			
k_MaxCurrOffMtrVel_RadpS_f32	12.8847237			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	20			
k_MtrCurrEOLMinGain_AmpspVolts_f32	66			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	24.7835674			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	12			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.42092897e-008			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Resul	
CmMtrCurr_SCom_CalGain()	20	20		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796	33.0467796		
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	24.7835674	24.7835674	•	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~



Test Step 2.41 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.43475616			
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.39856052			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.2471416			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.48255146			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Mt	rVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Ve	hSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_Vh	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	44.1205254	44.1205254		
k_MaxCurrOffMtrVel_RadpS_f32	8.59965611			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	125			
k_MtrCurrEOLMinGain_AmpspVolts_f32	59.6098213			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	121.140739			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	23.6465321			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	8			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.32092897e-008			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	20	20	✓	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	121.140739	121.140739	✓	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	23.6465321	23.6465321	✓	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Test Step 2.42 (Repeat Count = 1)			J.
Name	Input Value		·
CmMtrCurr CurrentGainSvc Cnt M lgc	input value		
	0.07074000		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.97674608		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.3219049		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.78702211		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrF	RadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kp	h_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid	_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	51.0627899		
k_MaxCurrOffMtrVel_RadpS_f32	16.4224472		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	85.7566376		
k_MtrCurrEOLMinGain_AmpspVolts_f32	86.3385773		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.513512		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	22.5094967		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	16		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.82092901e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.513512	104.513512	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	22.5094967	22.5094967	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	

 $tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32$

CmMtrCurr_SCom_CalGain



Test Step 2.43 (Repeat Count = 1)			V	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.30681849			
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.26103485			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.50823259			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.98266852			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_M	ftrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_	Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdVa	alid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	46.0540466			
k_MaxCurrOffMtrVel_RadpS_f32	16.4224472			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	110			
k_MtrCurrEOLMinGain_AmpspVolts_f32	25.7839298			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-305.718506			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	102.810776			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	34	34	~	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598	37.7828598	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

80.8725357

80.8725357

Test Step 2.44 (Repeat Count = 1)			J.	
Name	Input Value			
CmMtrCurr CurrentGainSvc Cnt M lgc	1			
CmMtrCurr FiltMtrCurr1 Volt M f32	4.94060135	4.04060425		
CmMtrCurr FiltMtrCurr2 Volt M f32	2.25965905			
CmMtrCurr MtrCurr1OffsetZero Volt M f32	3			
CmMtrCurr MtrCurr2OffsetZero Volt M f32	1.89822912			
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr			
Rte Read Sa CmMtrCurr MtrVel MtrRadpS f32(data)	tgt Rte Read Sa CmMtrCurr	MtrVel MtrPadnS f32 data		
Rte Read Sa CmMtrCurr VehSpd Kph f32(data)	tgt Rte Read Sa CmMtrCurr			
Rte Read Sa CmMtrCurr VhSpdValid Cnt Iqc(data)	tgt Rte Read Sa CmMtrCurr			
k CurrGainNumerator Amps f32	56.0292397	viiopuvaliu_ciii_igc_uata		
k MaxCurrOffMtrVel RadpS f32	0.77640003			
k MtrCurrEOLMaxGain AmpspVolts f32	85,7566376			
k_MtrCurrEOLMinGain_AmpspVolts_f32	61			
tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	64.1647263			
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt_132	25.9206028			
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal			
	0			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	0			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	20	20	~	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.1647263	~	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.9206028	25.9206028	✓	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	

CmMtrCurr_SCom_CalGain()

 $tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32$

tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32



Result

Test Step 2.45 (Repeat Count = 1) Input Value Name $CmMtrCurr_CurrentGainSvc_Cnt_M_lgc$ CmMtrCurr_FiltMtrCurr1_Volt_M_f32 5 CmMtrCurr_FiltMtrCurr2_Volt_M_f32 0.882408142 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 5 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 2.94972634 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data) Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data) tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data) tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data $k_CurrGainNumerator_Amps_f32$ 14.9700756 12.8847237 k MaxCurrOffMtrVel RadpS f32 $k_MtrCurrEOLMaxGain_AmpspVolts_f32$ 20 k MtrCurrEOLMinGain AmpspVolts f32 66 $tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32$ 33.0467796 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 24.7835674 $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal$ tgt_Pim_ShCurrCal $tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data$ 1.42092897e-008 $tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data$ $tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data$

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Actual Value

33.0467796

24.7835674

21

Expected Value

33.0467796

24.7835674

21



Test Case 3: Path Test Performance Metrics : [With "None" Instrumentation and WithPS Environment] Specification CPU Cycles: 778.00 Cycles 1098.00 Cycles TC3.2 1098.00 Cycles 788.00 Cycles 824.00 Cycles 1097.00 Cycles 781.00 Cycles 818.00 Cycles 831.00 Cycles 838.00 Cycles 839.00 Cycles TC3.2 TC3.3 TC3.4 TC3.5 TC3.6 TC3.7 TC3.8 TC3.9 TC3.10 TC3.11 TC3.12 840.00 Cycles Description VECTOR DESCRIPTION: TS3.1"((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) && (ProductionMode != Mec_Cnt_T_enum))=False" TS3.2"((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) && (ProductionMode != Mec_Cnt_T_enum))=True (VehSpd_Kph_T_f32 < FLT_EPSILON)=True (VehSpd_Kph_T_f32 < FLT_EPSILON)=True ((MtrCurr2Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_AmpspVolts_f32) && (MtrCurr2Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32) && (MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32))=True" TS3.3(VehSpd_Kph_T_f32 < FLT_EPSILON)=False TS3.4"((MtrCurr2Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32))=True" TS3.3(VehSpd_Kph_T_f32 < FLT_EPSILON)=False TS3.4"((MtrCurr2Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>False&& (MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>False&& (MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32))=False" TS3.5"((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32)=True && (CmMtrCurr_CurrentGainSvc_Cnt_M_lgc == TRUE)==>False)==>False TS3.1"((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) && (Toutcutonious := Mes_Orin_T_enum)=raise) TS3.6if ((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32)==>True && (CmMtrCurr_CurrentGainSvc_CntTRUE)==>False)==>False TS3.7'if ((VehSpd_Kph_T_f32 < FLT_EPSILON)==>True && (VhSpdValid_T_Cnt_lgc == TRUE)==>False)==>False TS3.8''((MtrCurr2Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_AmpspVolts_f32)==>False && (MtrCurr2Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32) && (MtrCurr1Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_AmpspVolts_f32))" TS3.9''((MtrCurr2Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_AmpspVolts_f32))" TS3.9''((MtrCurr2Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>True && (MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>False && (MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32))" TS3.10''((MtrCurr2Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>True && (MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>True && (MtrCurr2Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>True && (MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>True && (MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMinGain_AmpspVolts_f32) ==>False)" TS3.11' (Abs_f32_m(CmMtrCurr_FiltMtrCurr1_Volt_M_f32 - CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32) > FLT_EPSILON)=false TS3.12 (Abs_f32_m(CmMtrCurr_FiltMtrCurr1_Volt_M_f32 - CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32) > FLT_EPSILON)=false

Test Step 3.1 (Repeat Count = 1)			_ ~	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0	0		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	10			
k_MaxCurrOffMtrVel_RadpS_f32	-20			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	20			
k_MtrCurrEOLMinGain_AmpspVolts_f32	20			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1118			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	34	34	✓	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20	20	✓	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20	20		

TS3.12 [Abs_f32_m(CmMtrCurr_FiltMtrCurr1_Volt_M_f32 - CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32) > FLT_EPSILON)=false

Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc

CmMtrCurr_SCom_CalGain



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~

Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc

Test Step 3.2 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.94878829			
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.354222178			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.81953025			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_N	/trVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	68.7071075	68.7071075		
k_MaxCurrOffMtrVel_RadpS_f32	13.807971			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	69.4691772			
k_MtrCurrEOLMinGain_AmpspVolts_f32	43			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	12			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	0	0	~	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	65.3599167	65.3599167	~	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	46.8891907	46.8891945	✓	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	•

Test Step 3.3 (Repeat Count = 1)				
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.46488023			
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.315663815			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.05782449			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data			
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data			
k_CurrGainNumerator_Amps_f32	73.1418304			
k_MaxCurrOffMtrVel_RadpS_f32	5.8294816			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	109.092964			
k_MtrCurrEOLMinGain_AmpspVolts_f32	92.6149826			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	5			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	255			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	21	21		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.1647263	✓	
tqt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	31	31	✓	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Test Step 3.4 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5			
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.44428372			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_N	MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	69.2344742	69.2344742		
k_MaxCurrOffMtrVel_RadpS_f32	15.1930275			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	89.7380981			
k_MtrCurrEOLMinGain_AmpspVolts_f32	99.2575531			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	100.245132			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	15			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.82092901e-008			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	20	20	✓	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	100.245132	100.245132	✓	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20	20		

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	✓

Test Step 3.5 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.94878829		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.354222178		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.81953025		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Mt	trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Ve	ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_Vh	nSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	68.7071075		
k_MaxCurrOffMtrVel_RadpS_f32	13.807971		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	69.4691772		
k_MtrCurrEOLMinGain_AmpspVolts_f32	43		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	12		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	0	0	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	65.3599167	65.3599167	✓
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	46.8891907	46.8891945	_



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	✓

Test Step 3.6 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.46488023		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.315663815		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.05782449		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	73.1418304		
k_MaxCurrOffMtrVel_RadpS_f32	5.8294816		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	109.092964		
k_MtrCurrEOLMinGain_AmpspVolts_f32	92.6149826		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	5		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	255		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.1647263	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31	31	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	

Test Step 3.7 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5			
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.882408142			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.94972634			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data			
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data			
k_CurrGainNumerator_Amps_f32	14.9700756	14.9700756		
k_MaxCurrOffMtrVel_RadpS_f32	12.8847237			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	20			
k_MtrCurrEOLMinGain_AmpspVolts_f32	66			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	24.7835674			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	12			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.42092897e-008			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	21	21	~	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796	33.0467796	~	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	24.7835674	24.7835674	~	



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Dt- Dd O- O-Mt-O \/\text{/-0-d}/-0d O-t I	4	Dts Dand On One Man Over Man On the last last	4	

Test Step 3.8 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.31525755		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.4392966		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	ltrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	65.5278931		
k_MaxCurrOffMtrVel_RadpS_f32	3.73730636		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	55.389286		
k_MtrCurrEOLMinGain_AmpspVolts_f32	66.9764252		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.832649		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	3		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.832649	112.832649	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	✓

Test Step 3.9 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.798796892		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.88477182		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	87.710968		
k_MaxCurrOffMtrVel_RadpS_f32	10.6504936		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	71.788269		
k_MtrCurrEOLMinGain_AmpspVolts_f32	42.4383621		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	29.3317089		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	10		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53	53	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	29.3317089	29.3317089	✓



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓
Die Deed On Orahitation Wilder Welld Oat Inc	4	Dts Dand On Oral March 11 Vision No. 11 Visi	4	

Test Step 3.10 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.390951276		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.6404748		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.14026868		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.44701993		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Mtr	Vel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Vel	hSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_Vh	SpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	100		
k_MaxCurrOffMtrVel_RadpS_f32	13		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	102.015366		
k_MtrCurrEOLMinGain_AmpspVolts_f32	30.4687443		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.5700874		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	66.9764252		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	12		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.82092901e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.5700874	62.5700874	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	66.9764252	66.9764252	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	✓

Test Step 3.11 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.94878829		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_'	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	68.7071075		
k_MaxCurrOffMtrVel_RadpS_f32	13.807971		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	50		
k_MtrCurrEOLMinGain_AmpspVolts_f32	30		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	12		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	-
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792	103.155792	✓
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	41.77005	41.77005	✓

TEST DETAILS REPORT

CmMtrCurr_SCom_CalGain

2016-07-24, 11:56:48+0530



Test Step Call Trace					✓
	Actual Function	Count	Expected Function	Count	Result
	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
	Dts Daniel On Continuous Machine Malid Out Inc	4	Dts Dand On Orahleous Macon Made at land	4	

Test Step 2.12 (Beneat Count = 1)		w/
Test Step 3.12 (Repeat Count = 1)		· ·
Name	Input Value	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.354222178	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	0	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.81953025	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	68.7071075	
k_MaxCurrOffMtrVel_RadpS_f32	13.807971	
k_MtrCurrEOLMaxGain_AmpspVolts_f32	50	
k_MtrCurrEOLMinGain_AmpspVolts_f32	30	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	12	
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008	
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1	
Name	Actual Value Expected Value	e Result
CmMtrCurr_SCom_CalGain()	20 20	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.155792 103.155792	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005 41.77005	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	✓

TEST DETAILS REPORT

2016-07-24, 11:51:51+0530



CmMtrCurr_Per2

Project CmMtrCurr1

Module CmMtrCurr_MTRCURRPHASEAB_ON

Test Object CmMtrCurr_Per2

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\CmMtrCurr_FDD1C_010.0_NoUTP
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\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)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\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	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT) \StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Spe	ecification
Name	Text



Module 'CmMtrCurr MTRCURRPHASEAB ON

Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2

Code File(s) Version:2
Module Design Document: CmMtrCurr_MDD.docx
Module Design Document Version:2
Data Dictionary Version:2
Unit Test Plan Version: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 1.32
Total FLASH Used (Bytes): 3176
Total RAM Used (Bytes): 130
Total CALS Used (Bytes): 46
Special Test Requirements: NA
Test Date: 7/23/2016

Test Date:7/23/2016
Comments:
"Note1: Inline functions defined in globalmacro.h are not unit tested.

Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference.

Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :MtrCurr2SumHi_Volt_M_f32 , VecuSum_Volt_M_f32 , MtrCurr1SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32,
MtrCurr1SumZero_Volt_M_f32,MtrCurr2SumZero_Volt_M_f32, CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 .

Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

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 4.4
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\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

TS1.1 2382.00cycles TS1.2 2244.00cycles

Description VECTOR DESCRIPTION:

 $TS1.1 \quad Shortest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = True \\ TS1.2 \quad Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ TS1.2 \quad Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_F32) = False \\ Longest \ Execution \ Path==> (\ Abs_f32_m(FiltCurrCorrDiag_Amps$

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	53.1758		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0476		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1610612736		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	1.511616647		
k_CurrOffGainKn_Cnt_u16	23944		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.536371946		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.693474054		
gt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value 0.81864655			
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-62.97460991		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	167.4598406		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_I	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	42.1503754	42.15037364 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.09985352	2.099853516 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.79187012	3.791870117 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1127350984	1127350984 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2035759488	2035759488 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-132.9395
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.595
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1610612736
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrThresh_Amps_f32	43.4733122
k_CurrOffGainKn_Cnt_u16	26553
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.92788434
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.004965544
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	120.2740527
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-150.9617172
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per2 MtrCurrK1 Amp f32	tgt CmMtrCurr Per2 MtrCurrK1 Amp f32

2016-07-24, 11:51:51+0530



Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_t	f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	17.7312012	17.73117511 ± 0.001	✓
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.970703125	0.970703125 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.19152832	2.19152832 ± 32	✓
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	521178089	521178089 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1176630504	1176630504 ± 1	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~



Test Case 2: Range Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

TC2.1 2018Cycles 2197Cycles TC2.2 TC2.3 TC2.4 TC2.5 TC2.6 TC2.7 2102Cycles 2262Cycles 2221Cycles 2179Cycles 2179Cycles 2190Cycles 2139Cycles 2090Cycles 2169Cycles 2125Cycles TC2.8 TC2.10 TC2.11 TC2.12 TC2.13 2182Cycles 2108Cycles 2076Cycles 2076Cycles 2162Cycles 2170Cycles 2201Cycles 2238Cycles TC2.14 TC2.15 TC2.16 TC2.17 TC2.18 TC2.19 TC2.20 TC2.21 TC2.22 2190Cycles 2175Cycles 2102Cycles 2114Cvcles TC2.23 TC2.24 TC2.25 2102Cycles 2190Cycles 2114Cycles 2114Cycles 2188Cycles 2148Cycles 2106Cycles 2146Cycles 2216Cycles TC2.26 TC2 27 TC2.28 TC2.29 TC2.30 TC2.31 TC2.32 TC2.33 2130Cycles 2147Cycles 2156Cycles 2106Cycles TC2.34 TC2.35 TC2.36 TC2.37 2088Cycles 2088Cycles 2151Cycles TC2.38 TC2.39 TC2.40 2147Cvcles 2100Cycles 2168Cycles 2114Cycles 2144Cycles TC2.41 TC2.42 2220Cycles 2188Cycles TC2.43

Description

VECTOR DECRIPTION:

TS2.1 All Min

TS2.2 All Max

TS2.3 MtrCurrAngle_Rev_f32==>Min TS2.4 MtrCurrAngle_Rev_f32==>Max TS2.5 MtrCurrAngle_Rev_f32==>Pos

TS2.6 CorrMtrPosElec_Rev_f32==>Min TS2.7 CorrMtrPosElec_Rev_f32==>Max TS2.8 CorrMtrPosElec_Rev_f32==>Pos

TS2.9 MtrCurrK1_Amp_f32==>Min TS2.10 MtrCurrK1_Amp_f32==>Max TS2.11 MtrCurrK1_Amp_f32==>Pos

TS2.12 MtrCurrK1_Amp_f32==>Zero

TS2.13 MtrCurrK1_Amp_f32==>Neg TS2.14 MtrCurrK2_Amp_f32==>Min

TS2.15 MtrCurrK2_Amp_f32==>Max
TS2.16 MtrCurrK2_Amp_f32==>Pos
TS2.17 MtrCurrK2_Amp_f32==>Zero

TS2.17 MtrCurrK2_Amp_132==>Zero
TS2.18 MtrCurrK2_Amp_132==>Neg
TS2.19 ADCMtrCurr1_Volts_132==>Min
TS2.20 ADCMtrCurr1_Volts_132==>Max
TS2.21 ADCMtrCurr1_Volts_132==>Pos
TS2.22 ADCMtrCurr2_Volts_132==>Min
TS2.23 ADCMtrCurr2_Volts_132==>Max
TS2.24 ADCMtrCurr2_Volts_132==>Pos
TS2.25 MtrCurr1LpFltrSV_Volts_M_u3p29==>Min
TS2.26 MtrCurr1LpFltrSV_Volts_M_u3p29==>Max
TS2.27 MtrCurr1LpFltrSV_Volts_M_u3p29==>Pos
TS2.28 k_CurrOffGainKn_Cnt_u16==>Min
TS2.29 k_CurrOffGainKn_Cnt_u16==>Min

TS2 29

TS2.30

TS2.31 TS2.32

k_CurrOffGainKn_Cnt_u16==>Max k_CurrOffGainKn_Cnt_u16==>Pos/Default MtrCurr2LpFltrSV_Volts_M_u3p29==>Min MtrCurr2LpFltrSV_Volts_M_u3p29==>Max MtrCurr2LpFltrSV_Volts_M_u3p29==>Pos TS2.33

TS2.34 k_CurrCorrErrThresh_Amps_f32==>Min/Default

TS2 35

k_CurrCorrErrThresh_Amps_f32==>Max k_CurrCorrErrThresh_Amps_f32==>Pos TS2.36

CurrCorrDiagKSV_M_str.SV==>Min CurrCorrDiagKSV_M_str.SV==>Max CurrCorrDiagKSV_M_str.SV==>Zero CurrCorrDiagKSV_M_str.SV==>Pos TS2.37

TS2.38 TS2.39

TS2.40

CurrCorrDiagKSV_M_str.SV==>Neg CurrCorrDiagKSV_M_str.K==>Min CurrCorrDiagKSV_M_str.K==>Max TS2.41

TS2.42

TS2.43

TS2.44 CurrCorrDiagKSV_M_str.K==>Pos

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5





Test Step 2.1 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-220			
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0	0		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0			
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrCorrErrThresh_Amps_f32	0			
k_CurrOffGainKn_Cnt_u16	0			
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0			
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0			
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0			
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0			
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-220			
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-220			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts	_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts	_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_	f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32	2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32	2		
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-220	-220 ± 0.001	•	
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0	0 ± 32	✓	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0	0 ± 32	•	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0	0 ± 1	•	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0	0 ± 1	•	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	✓

Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	220		
CmMtrCurr CurrCorrDiagKSV M str.K Uls f32	0.99998474		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	50		
k_CurrOffGainKn_Cnt_u16	65535		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	220		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	220		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPo	sition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Am	p_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Am	p_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	219.978882	219.9789071 ± 0.001	✓
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3	3 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3	3 ± 32	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1610629120	1610629120 ± 1	→
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1610629120	1610629120 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	<u> </u>
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Status Cnt T enum)	1	1	•



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	•

Test Stan 2.2 (Beneat Count = 4)			
Test Step 2.3 (Repeat Count = 1) Name	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	26.5879		
CmMtrCurr CurrCorrDiagKSV M str.K UIs f32	0.0238		
CmMtrCurr MtrCurr1LpFltrSV Volt M u3p29	1073741824		
CmMtrCurr MtrCurr2LpFitrSV_Volt M_u3p29	0		
	tgt Rte Inst Sa CmMtrCurr		
Rte_Inst_Sa_CmMtrCurr			
k_CurrCorrErrThresh_Amps_f32	12.0154599		
k_CurrOffGainKn_Cnt_u16	24884		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.106340408		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.742612362		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-121.863373		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-113.8519806		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	23.0550194	23.0550195 ± 0.001	•
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.0402832	2.040283203 ± 32	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.661621094	0.661621094 ± 32	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1095415788	1095415788 ± 1	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	355219100	355219100 ± 1	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Param Cnt T u08)	1	1	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	53.1758		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0476		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1610612736		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	1.511616647		
k_CurrOffGainKn_Cnt_u16	23944		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.536371946		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.693474054		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.81864655		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-62.97460991		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	167.4598406		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrF	Position_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	e_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_A	Amp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_A	Amp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	42.1503754	42.15037364 ± 0.001	•
			•

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Name	Actual Value	Expected Value	Result
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.09985352	2.099853516 ± 32	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.79187012	3.791870117 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1127350984	1127350984 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2035759488	2035759488 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	79.7637		
CmMtrCurr CurrCorrDiagKSV M str.K Uls f32	0.0714		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	13.73316836		
k_CurrOffGainKn_Cnt_u16	30009		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.650410891		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	24.00625646		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-162.8279788		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	n_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f3	2	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	82.4870529	82.48705355 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.37365723	1.373657227 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.08410645	4.084106445 ± 32	-
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	737501184	737501184 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2192687104	2192687104 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.6 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	106.3516	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0952	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2147483648	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrCorrErrThresh_Amps_f32	3.211940289	
k_CurrOffGainKn_Cnt_u16	51201	
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.976586819	
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.210442543	
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0	
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.645435333	
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	57.82442534	
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	85.99501753	



CmMtrCurr_Per2

Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	86.38237	86.38237202 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.762939453	0.762939453 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.03918457	1.03918457 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	409608000	409608000 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	557948603	557948603 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.7 (Repeat Count = 1)			V
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	132.9395		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.119		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	34.84548604		
k_CurrOffGainKn_Cnt_u16	8222		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.867313385		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.146819592		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.594516039		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-193.1094663		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-176.9777011		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volt	ts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volt	ts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	n_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f3	32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	147.949432	147.9494308 ± 0.001	-
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.60693359	4.606933594 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.39111328	4.391113281 ± 32	✓
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2473353374	2473353374 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2357464284	2357464284 ± 1	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	-
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	-

Test Step 2.8 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	159.5274	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.1428	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2147483648	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	

CmMtrCurr_Per2

CmMtrCurr_FiltMtrCurr2_Volt_M_f32

CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29

 $CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29$

Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached

 $Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)$

Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Param Cnt T u08)

2016-07-24, 11:51:51+0530



1.792480469 ± 32

1651179520 ± 1

962375528 ± 1

86

86

Input Value k_CurrCorrErrThresh_Amps_f32 21.30166304 k_CurrOffGainKn_Cnt_u16 60584 tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value 3 tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value 1.530497074 $tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value$ 0.802072763 $tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value$ 0.662033796 tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value 77.21161556 $tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value$ -124.0132762 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32$ tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32$ tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32$ tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32 tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32$ tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32 Name **Actual Value Expected Value** CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32 122.040199 122.0402008 ± 0.001 CmMtrCurr FiltMtrCurr1 Volt M f32 3.07556152 3.075561523 ± 32

cacac	'/		•			
$Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enumerator)$	m)	1	1		•	1
Test Step Call Trace						1
Actual Function	Count	Expected Function		Count	Resul	t
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_Checkpoint	Reached	1	•	
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus	1	Rte Call Sa CmMtrCurr NxtrDiagMgr SetN	TCStatus	1		-

Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached

1.79248047

1651179520

962375528

86

Test Step 2.9 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	186.1153		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.1666		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	536870912		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	12.33550304		
k_CurrOffGainKn_Cnt_u16	13034		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.896031141		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.54530549		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.470564485		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-220		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-46.04922837		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	n_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f3	2	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	189.723221	189.7232311 ± 0.001	
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.575927734	0.575927734 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.909545898	0.909545898 ± 32	-
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	309218616	309218616 ± 1	✓
CmMtrCurr MtrCurr2LpFltrSV Volt M u3p29	488319262	488319262 ± 1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	-
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

86

 $Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)$

 $Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08) \\ Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum) \\$





Test Step 2.10 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	212.7032		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.1904		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1073741824		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1610612736		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	23.81961465		
k_CurrOffGainKn_Cnt_u16	16051		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.587954044		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.67675209		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.220773697		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.960949421		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	220		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	142.8579195		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPe	osition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Ar	np_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Ar	np_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	214.363541	214.3635418 ± 0.001	✓
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.89904785	1.899047852 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.92077637	2.920776367 ± 32	-
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1019553648	1019553648 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1568093637	1568093637 ± 1	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	-
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Status Cnt T enum)	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	✓

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	176.5034179		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.2142		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1073741824		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	39.56729203		
k_CurrOffGainKn_Cnt_u16	65236		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.92795682		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.0516994		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.219477057		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.509203792		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	109.1507714		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-101.7537218		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrF	Position_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	:_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_A	mp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_A	mp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	157.174316	157.1743263 ± 0.001	-
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.932739258	0.932739258 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.04675293	1.04675293 ± 32	-
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	500774036	500774036 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	562008140	562008140 ± 1	-
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Status Cnt T enum)	1	1	•



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.12 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-124.0132762		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.238		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	42.53672326		
k_CurrOffGainKn_Cnt_u16	1022		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.410634041		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.581155062		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.68121314		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	0		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	79.18929517		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32	2	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-75.7079468	-75.7079453 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.95959473	4.959594727 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.96875	4.96875 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2662674874	2662674874 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2667610112	2667610112 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	213.1246358		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.2618		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	45.55353945		
k_CurrOffGainKn_Cnt_u16	21466		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.204545736		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.840689898		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.797756791		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.089867711		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-193.1094663		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-45.27653545		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrF	Position_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	e_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_A	.mp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_A	.mp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	126.550911	126.5509171 ± 0.001	-
			•

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Name	Actual Value	Expected Value	Result
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.39440918	1.39440918 ± 32	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.275268555	0.275268555 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	748675934	748675934 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	147814876	147814876 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	-
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	-

Test Step 2.14 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	205.8849111		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.2856		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2147483648		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1073741824		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	23.04026127		
k_CurrOffGainKn_Cnt_u16	46642		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.846980572		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.904856682		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.964856148		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-1.492609859		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-220		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volt	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volt	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPositio	n_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f3	32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	160.435898	160.4359219 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.46765137	2.467651367 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.22045898	1.220458984 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1324812052	1324812052 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	655269800	655269800 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	•

Test Step 2.15 (Repeat Count = 1)		~
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	164.2695515	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.3094	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1610612736	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1073741824	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrCorrErrThresh_Amps_f32	13.0310846	
k_CurrOffGainKn_Cnt_u16	18790	
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.5971663	
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.024612188	
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.6219033	
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.412034392	
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	209.1507714	
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	220	



Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	191.095016	191.0950157 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.88439941	2.884399414 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.00695801	2.006958008 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1548586946	1548586946 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1077518614	1077518614 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	✓

Test Step 2.16 (Repeat Count = 1)			•
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	10.55673134		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.3332		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	17.5181483		
k_CurrOffGainKn_Cnt_u16	20757		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.478578091		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.591161489		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	119.2920997		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	99.15077144		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	e_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_A	Amp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_A	Amp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-44.2701263	-44.27012635 ± 0.001	•
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.63342285	1.633422852 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.784912109 0.784912109 ± 32		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	876953600 876953600 ± 1		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	421450128 421450128 ± 1		
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	✓
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	✓

Test Step 2.17 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	67.05938846	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.357	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	

2016-07-24, 11:51:51+0530



CmMtrCurr_Per2

Name	Input Value		
k CurrCorrErrThresh Amps f32	39.24085611		
k CurrOffGainKn Cnt u16	9765		
tgt CmMtrCurr Per2 ADCMtrCurr1 Volts f32.value	0.260634184		
	2.426983118		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value			
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-52.15880162		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	0		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	24.498497	24.49849469 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.0388183594	0.038818359 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.361572266	0.361572266 ± 32	-
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	20848275 ± 1		~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	194137965 ± 1		~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	_

Test Step 2.18 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-18.60367322		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.3808		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1073741824		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	43.83353591		
k_CurrOffGainKn_Cnt_u16	21154		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.628910542		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.400859833		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.619235039		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-6.287848115		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-193.1094663		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f3:	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	40.3145828	40.31459954 ± 0.001	-
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.58898926	3.588989258 ± 32	-
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.48376465	1.483764648 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1926872128	1926872128 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	796603270	796603270 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Param Cnt T u08)	1	1	✓

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~		
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•		
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~		





Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-150.9617172		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.4046		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1073741824		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	8.835586846		
k_CurrOffGainKn_Cnt_u16	31270		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.751632094		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	21.23204285		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	176.5034179		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_t	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-161.204041	-161.2040427 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.0456543	1.045654297 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.43139648	1.431396484 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	561414144	561414144 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	768491520	768491520 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.20 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	63.59160173		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.4284		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2147483648		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	21.30166304		
k_CurrOffGainKn_Cnt_u16	60584		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.530497074		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.802072763		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.662033796		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	77.21161556		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-124.0132762		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f3:	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-7.77110672	-7.771099965 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.07556152	3.075561523 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.79248047	1.792480469 ± 32	✓
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1651179520	1651179520 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	962375528	962375528 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	•

Test Step 2.21 (Repeat Count = 1) Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_UIs_f32	50.18158394		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.4522		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	16.04924744		
k_CurrOffGainKn_Cnt_u16	2558		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.5		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.38939023		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-203.1573394		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	213.1246358		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	on_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev	/_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f	32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-64.3875122	-64.3875166 ± 0.001	•
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.0975341797	0.09753418 ± 32	✓
CmMtrCurr FiltMtrCurr2 Volt M f32	4.85900879 4.859008789 ± 32		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	52387840	52387840 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2608691478	2608691478 ± 1	-
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	✓
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Param Cnt T u08)	1	1	-
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Status Cnt T enum)	1	1	_

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•	
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~	

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	156.5993204		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.476		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1610612736		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	8.681555271		
k_CurrOffGainKn_Cnt_u16	50024		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.819194317		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.161382675		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	65.67773592		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	205.8849111		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1	I_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrF	Position_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	e_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_A	mp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_A	mp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	101.157906	101.1578898 ± 0.001	-
			•

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Name	Actual Value	Expected Value	Result
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.28991699	2.289916992 ± 32	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.710083008	0.710083008 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1229389824	1229389824 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	381222912	381222912 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~		
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	-		
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	-		

Test Step 2.23 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	-26,5879		
CmMtrCurr CurrCorrDiagKSV M str.K Uls f32	0.4998		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	33.22194868		
k_CurrOffGainKn_Cnt_u16	4837		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.904503107		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	176.6753786		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	164.2695515		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt CmMtrCurr Per2 ADCMtrCurr1 Volts f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	74.9952164	74.99521483 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.69763184	4.697631836 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.221313477	0.221313477 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2522068373	2522068373 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	118874112	118874112 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~		
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~		
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~		

Test Step 2.24 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-53.1758	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.5236	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1610612736	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrCorrErrThresh_Amps_f32	0.101317763	
k_CurrOffGainKn_Cnt_u16	41273	
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.386268616	
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.5	
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741	
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.820073366	
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-69.88865542	
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	10.55673134	



Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-45.9264488	-45.92645457 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.24316406	1.243164063 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.05529785	2.055297852 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	667458684	667458684 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1103450112	1103450112 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~		
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	✓		
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	✓		

Test Step 2.25 (Penest Count = 1)			
Test Step 2.25 (Repeat Count = 1) Name	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	-79.7637	•	
CmMtrCurr CurrCorrDiagKSV M str.K Uls f32	0.5474		
CmMtrCurr MtrCurr1LpFltrSV Volt M u3p29	0		
CmMtrCurr MtrCurr2LpFltrSV Volt M u3p29	2147483648		
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k CurrCorrErrThresh Amps f32	38.52406257		
k CurrOffGainKn Cnt u16	45017		
tgt CmMtrCurr Per2 ADCMtrCurr1 Volts f32.value	3		
tgt CmMtrCurr Per2 ADCMtrCurr2 Volts f32.value	1.629522562		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.812763333		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-168.2957354		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	67.05938846		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt CmMtrCurr Per2 ADCMtrCurr1 Volts f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	n_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f3:	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f3:	2	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-105.387314	-105.3873373 ± 0.001	-
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.06066895	2.060668945 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.37158203	2.371582031 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1106337792	1106337792 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1273298525	1273298525 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	✓	
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	/	

Test Step 2.26 (Repeat Count = 1)		
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-106.3516	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.5712	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1073741824	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	

Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)

CmMtrCurr_Per2

2016-07-24, 11:51:51+0530



Name	Input Value		
k_CurrCorrErrThresh_Amps_f32	26.38577199		
k_CurrOffGainKn_Cnt_u16	50983		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.922613621		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.229246616		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-32.33944905		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-18.60367322		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volt	ts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt CmMtrCurr Per2 CorrMtrCurrPosition Rev f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f:	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f:	32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-58.5432968	-58.54331045 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.60595703	2.605957031 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.77783203	2.777832031 ± 32	✓
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1399073130	1399073130 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1491394560	1491394560 ± 1	·
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	✓
DI O II O O MI O MI DI MI O MITONI (D. O. L.T. 00)	4	4	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.27 (Repeat Count = 1)			→
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-132.9395		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.595		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1610612736		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	43.4733122		
k_CurrOffGainKn_Cnt_u16	26553		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.92788434		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.004965544		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	120.2740527		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-150.9617172		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	17.7312012	17.73117511 ± 0.001	-
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.970703125	0.970703125 ± 32	-
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.19152832	2.19152832 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	521178089	521178089 ± 1	-
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1176630504	1176630504 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~		
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•		
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~		





Test Step 2.28 (Repeat Count = 1)			•
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-159.5274		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.6188		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	47.0051862		
k_CurrOffGainKn_Cnt_u16	0		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.216228962		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-62.07603502		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	63.59160173		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrl	Position_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	e_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_A	Amp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_A	Amp_f32	
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-99.2282715	-99.22826786 ± 0.001	•
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1	1 ± 32	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0	0 ± 32	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912	536870912 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0	0 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.29 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-186.1153		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.6426		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2147483648		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2147483648		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	34.58858031		
k_CurrOffGainKn_Cnt_u16	65535		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.274205923		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.177897692		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.446646333		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.695452809		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-38.30952436		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	50.18158394		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Vol	ts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vol	ts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	on_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev	/_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f	32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-56.8425293	-56.84255223 ± 0.001	•
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.274169922	0.274169922 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.177856445	0.177856445 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	147224378	147224378 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	95517263	95517263 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Status Cnt T enum)	1	1	·





Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•	
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	•	

Test Step 2.30 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-212.7032		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.6664		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	536870912		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	48.61384964		
k_CurrOffGainKn_Cnt_u16	1462		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.532531261		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.298491478		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	109.679701		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	156.5993204		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_\	/olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_\	/olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPos	sition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp	o_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp	o_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	6.6769104	6.676899866 ± 0.001	•
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.90026855	4.026367188 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.04455566	1.435791016 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2630848284	2630848284 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	560824320	560824320 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Status Cnt T enum)	0	0	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.31 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-58.02943832		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.6902		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	9.274186671		
k_CurrOffGainKn_Cnt_u16	21237		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.587954044		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.879794836		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.959956527		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-27.46674699		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-58.02943832		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr	r1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr	r2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurr	Position_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAng	e_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_/	Amp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_	Amp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-26.3629303	-26.36291932 ± 0.001	
			•

2016-07-24, 11:51:51+0530



Name	Actual Value	Expected Value	Result
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.19042969	1.190429688 ± 32	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.609130859	0.609130859 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	639148304	639148304 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	327028563	327028563 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.32 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	-196.5790142		
CmMtrCurr CurrCorrDiagKSV M str.K Uls f32	0.714		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1073741824		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	13.89724052		
k_CurrOffGainKn_Cnt_u16	4522		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.92795682		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.182561398		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.912940741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.438818216		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	97.4464128		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-196.5790142		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	on_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	v_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_t	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_t	f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-210.370193	-210.3702046 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.92590332	1.92590332 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.80554199	4.805541992 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1034025098	1034025098 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2579982278	2579982278 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	✓	
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~	

Test Step 2.33 (Repeat Count = 1)		V
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	3.064769566	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.7378	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2147483648	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrCorrErrThresh_Amps_f32	43.77838415	
k_CurrOffGainKn_Cnt_u16	19622	
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.410634041	
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.506439447	
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741	
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1	
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	3.472985685	
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	3.064769566	



CmMtrCurr_Per2

Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	3.36573434	3.365734618 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.22460938	4.224609375 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.2532959	3.253295898 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2268113074	2268113074 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1746645432	1746645432 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	•

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~		
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	✓		
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	✓		

Test Step 2.34 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	15.16013694		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.833		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1610612736		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1610612736		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	0		
k_CurrOffGainKn_Cnt_u16	28270		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.651072025		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.742982864		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-79.3352443		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	15.16013694		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPositi	on_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	v_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_	<u>f</u> 32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-63.5557289	-63.55572606 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.98669434	1.986694336 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.4576416	2.457641602 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1066613126	1066613126 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1319488276	1319488276 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.35 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-207.0334211	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.8568	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1073741824	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	536870912	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	

 $Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)$

Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)

CmMtrCurr_Per2

2016-07-24, 11:51:51+0530



Input Value k_CurrCorrErrThresh_Amps_f32 50 k_CurrOffGainKn_Cnt_u16 50210 tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value 0.996415377 tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value $tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value$ 0.999984741 $tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value$ tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value 130.7702275 $tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value$ -207.0334211 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32$ tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32$ tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32 tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32 tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32 tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32$ Name **Actual Value Expected Value** CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32 82.4137878 82.41375119 ± 0.001 1.23095703 1.230957031 ± 32 CmMtrCurr FiltMtrCurr1 Volt M f32 CmMtrCurr_FiltMtrCurr2_Volt_M_f32 2.53222656 2.532226563 ± 32 CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29 660915204 660915204 ± 1 $CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29$ 1359511552 1359511552 ± 1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

86

1393047346 ± 1

1185959762 ± 1

86

86

Test Step 2.36 (Repeat Count = 1)			V
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	96.14753377		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.8806		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1610612736		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1073741824		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	26.38577199		
k_CurrOffGainKn_Cnt_u16	46738		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.431820869		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.293198109		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-143.0909266		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	96.14753377		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-114.533981	-114.5339713 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.59472656	2.594726563 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.20898438	2.208984375 ± 32	~

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~		
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	-		
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	_		

1393047346

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 $CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29$

 $CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29$

 $Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)$

 $Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08) \\ Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum) \\$





Test Step 2.37 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-220		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.9044		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2147483648		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1610612736		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	8.835586846		
k_CurrOffGainKn_Cnt_u16	46642		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.146819592		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.6219033		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.1157		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	209.1507714		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	67.05938846		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_I	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-96.2152176	-96.2152357 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.28820801	3.288208008 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.969238281	0.969238281 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1765392384	1765392384 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	520402628	520402628 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
$Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)$	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~		
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	✓		
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	~		

Test Step 2.38 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	220		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.9282		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2147483648		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	21.30166304		
k_CurrOffGainKn_Cnt_u16	18790		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.922613621		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.530497074		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.591161489		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.2314		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	119.2920997		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-18.60367322		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	80.051651	80.05166636 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.11755371	4.117553711 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.29187012	3.291870117 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2210658660	2210658660 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1767343158	1767343158 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.39 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	0		
CmMtrCurr CurrCorrDiagKSV M str.K UIs f32	0.952		
CmMtrCurr MtrCurr1LpFltrSV Volt M u3p29	2147483648		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	16.04924744		
k_CurrOffGainKn_Cnt_u16	20757		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.92788434		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.54530549		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.3471		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-52.15880162		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-150.9617172		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-89.3500671	-89.3501586 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.02685547	3.026855469 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.58898926	3.588989258 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1625092229	1625092229 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1926869359	1926869359 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
$Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.40 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	63.59160173		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.9758		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1610612736		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2147483648		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	8.681555271		
k_CurrOffGainKn_Cnt_u16	9765		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.67675209		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.619235039		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.4628		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-6.287848115		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	63.59160173		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrP	osition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Ar	mp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Ar	mp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	26.787365	26.78735302 ± 0.001	~
			•

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Name	Actual Value	Expected Value	Result
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3	3 ± 32	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.80273438	3.802734375 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1610612736	1610612736 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2041621283	2041621283 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.41 (Repeat Count = 1)			V
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-169.6487		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.9996		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1073741824		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1610612736		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	33.22194868		
k_CurrOffGainKn_Cnt_u16	21154		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.274205923		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.0516994		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.751632094		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.5785		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	21.23204285		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	50.18158394		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	33.6289978	33.62898029 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.44287109	1.442871094 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.37109375	2.37109375 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	774666572	774666572 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1272973742	1272973742 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~	
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~	

Test Step 2.42 (Repeat Count = 1)		~
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-51.36	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1073741824	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrCorrErrThresh_Amps_f32	0.101317763	
k_CurrOffGainKn_Cnt_u16	31270	
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.532531261	
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.904856682	
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.802072763	
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.6942	
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	77.21161556	
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	156.5993204	





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-51.3600006	-51.36 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.776855469	0.776855469 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.47741699	1.477416992 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	417106812	417106812 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	793187384	793187384 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.43 (Repeat Count = 1)			¥	
Name	Input Value			
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	45.69			
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.99998474			
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0			
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	536870912			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrCorrErrThresh_Amps_f32	38.52406257			
k_CurrOffGainKn_Cnt_u16	60584			
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.846980572			
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.024612188			
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741			
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.8099	0.8099		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-203.1573394	-203.1573394		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-58.02943832			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_	Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_	Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPo	sition_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_I	Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Am	p_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Am	p_f32		
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-20.6795006	-20.67951559 ± 0.001	•	
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.70727539	1.707275391 ± 32	•	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.94702148	1.947021484 ± 32	•	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	916635920	916635920 ± 1	•	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1045352424	1045352424 ± 1	•	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	•	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	✓
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	✓

Test Step 2.44 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	0.369	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.5487	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	

CmMtrCurr_Per2

2016-07-24, 11:51:51+0530



Input Value k_CurrCorrErrThresh_Amps_f32 26.38577199 k_CurrOffGainKn_Cnt_u16 2558 tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value 2.5971663 tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value 2.478578091 tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value 0.819194317 $tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value$ 0.9256 tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value 65.67773592 $tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value$ -196.5790142 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32$ tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32$ tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32$ tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32 tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32 tat CmMtrCurr Per2 MtrCurrK2 Amp f32 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per2 MtrCurrK2 Amp f32

tgt_rte_inst_3a_cmivitCurr.cmivitCurr_Ferz_witCurrtz_Amp_i3z	tgt_CiliwitCull_Fer2_witCullR2_Amp_i32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	106.793259	106.7932323 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.06225586	1.062255859 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.0966796875	0.096679688 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	570337226	570337226 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	51937632	51937632 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Case 3: Path Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

TC3.1 2343.00 Cycles TC3.2 2241.00 Cycles

Description

VECTOR DESCRIPTION:

 $TS3.1 \quad (Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32\) TS3.2 \quad (Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32\) Factor (Abs_f32_$

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	132.9395		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.119		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	34.84548604		
k_CurrOffGainKn_Cnt_u16	8222		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.867313385		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.146819592		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.594516039		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-193.1094663		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-176.9777011		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_I	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	147.949432	147.9494308 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.60693359	4.606933594 ± 32	~
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.39111328	4.391113281 ± 32	~

2473353374

2357464284

 $\label{lem:commutation} CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29 \\ CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29$

2473353374 ± 1

2357464284 ± 1

2016-07-24, 11:51:51+0530



Name	Actual Value	Expected Value	Result
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Status Cnt T enum)	1	1	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	•

Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-132.9395		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.595		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1610612736		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	43.4733122		
k_CurrOffGainKn_Cnt_u16	26553		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.92788434		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.004965544		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	120.2740527		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-150.9617172		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Vol	ts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vol	ts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	on_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f	32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	17.7312012	17.73117511 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.970703125	0.970703125 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.19152832	2.19152832 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	521178089	521178089 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1176630504	1176630504 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	✓

2016-07-24, 12:03:57+0530



CurrDQPer1

Project CmMtrCurr1

Module CmMtrCurr_MTRCURRPHASEAB_ON

Test Object CurrDQPer1

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\CmMtrCurr_FDD1C_010.0_NoUTP		
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\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)\CmMtrCurr\src\Sa_CmMtrCurr.c		
Compiler Options	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\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	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT) \StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include		

Comments/Description/Spe	ecification
Name	Text



Module 'CmMtrCurr MTRCURRPHASEAB ON

Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2

Code File(s) Version:2
Module Design Document: CmMtrCurr_MDD.docx
Module Design Document Version:2
Data Dictionary Version:2
Unit Test Plan Version: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 1.32
Total FLASH Used (Bytes):3176
Total RAM Used (Bytes):130
Total CALS Used (Bytes):46
Special Test Requirements: NA
Test Date: 7/23/2016

Test Date:7/23/2016
Comments:
"Note1: Inline functions defined in globalmacro.h are not unit tested.

Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference.

Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :-MtrCurr2SumHi_Volt_M_f32 , VecuSum_Volt_M_f32 , MtrCurr1SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr1SumZero_Volt_M_f32,MtrCurr2SumZero_Volt_M_f32, CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 .

Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

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 4.4			
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\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP			



Test Case 1: Metrics Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles: TC1.1 1002 Cycles TC1.2 979 Cycles

Description Vector Description:

TC1.1 Shortest Path ==> (ElecPosDelayComp_Rad_T_f32 < 0.0f)==>False && (Phs1Curr_Cnt_T_u16 > D_ZERO_CNT_U16)==>True && (Phs2Curr_Cnt_T_u16 > D_ZERO_CNT_U16)==>True && (MtrElecPol_Cnt_T_s08 == D_POSITIVEONE_CNT_S8)==>True && MtrCurrFinalDax_Amps_T_f32 = Limit_m(MtrCurrDax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32)==>True && MtrCurrFinalQax_Amps_T_f32 = Limit_m(MtrCurrQax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32)==>True && MtrCurrFinalQax_Amps_T_f32 = Limit_m(MtrCurrQax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32)==>True && (Phs2Curr_Cnt_T_u16 > D_ZERO_CNT_U16)==>True && (MtrElecPol_Cnt_T_s08 == D_POSITIVEONE_CNT_S8)==>True && MtrCurrFinalDax_Amps_T_f32 = Limit_m(MtrCurrDax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32)==>True && MtrCurrFinalQax_Amps_T_f32 = Limit_m(MtrCurrQax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32)==>True && MtrCurrQax_Amps_T_f32 = Limit_m(MtrCurrQax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32)==>True && MtrCurrQax_Amps_T_f32 =

Test Step 1.1 (Repeat Count = 1) Name	Input Value			
	·			
Adc2_GetPhsBCurr_Cnt_u16_m	4095			
Adc2_GetPhsCCurr_Cnt_u16_m		4095		
CDD_ADC2OffsetComp_Cnt_G_u8p8	65280			
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1			
CDD_CDDDataAccessBfr_Cnt_G_u16		1		
CDD_CorrMtrPosElec_Rev_G_f32[0]		0.999984741		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.999984741			
CDD_DCPhsBComp_Cnt_G_u16p0	1799			
CDD_DCPhsCComp_Cnt_G_u16p0	7150			
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1118			
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1118			
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0260000005			
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0260000005			
CDD_MtrCurr1_Volts_G_f32[0]	5			
CDD_MtrCurr1_Volts_G_f32[1]	5			
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0260000005			
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0260000005			
CDD_MtrCurr2_Volts_G_f32[0]	5			
CDD_MtrCurr2_Volts_G_f32[1]	5			
CDD_MtrCurrDax_Amp_G_f32[0]	220			
CDD_MtrCurrDax_Amp_G_f32[1]	220			
CDD_MtrCurrK1_Amps_G_f32[0]	220			
CDD_MtrCurrK1_Amps_G_f32[1]	220			
CDD_MtrCurrK2_Amps_G_f32[0]	220			
CDD_MtrCurrK2_Amps_G_f32[1]	220			
CDD_MtrCurrQax_Amp_G_f32[0]	220			
CDD_MtrCurrQax_Amp_G_f32[1]	220			
CDD_MtrElecPol_Cnt_G_s8	1			
CDD_Vecu_Volt_G_f32[0]	31			
	31			
CDD_Vecu_Volt_G_f32[1] CmMtrCurr_MtrCurr10ffDelta_VoltaVoltCat_M_f32	0.000171428997			
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32				
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0.000171428997			
MtrPos_CorrectedMtrPos_Rev_G_u0p16	65535			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_MtrCurrOffLoComOff_Cnt_u16	1500			
k_MtrPosComputDelay_Sec_f32	0.00019999995			
k_NoofPoles_Uls_f32	2.98000002			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resul	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.999984741	0.999984741 ± 0.0000152587890625	•	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.969680786	0.969680786 ± 0.0000152587890625	•	
CDD_ElecPosDelayComp_Rad_G_f32	0.333164006	0.333164006 ± 0.0000152587890625	٠,	
CDD_MtrCurr1_Volts_G_f32[0]	5	5 ± 32		
CDD_MtrCurr1_Volts_G_f32[1]	4.68864489	4.68864489 ± 32		
CDD MtrCurr2 Volts G f32[0]	5	5 ± 32		
CDD MtrCurr2 Volts G f32[1]	4.68864489	4.68864489 ± 32		
CDD_MtrCurrDax_Amp_G_f32[0]	220	220		
CDD_MtrCurrDax_Amp_G_f32[1]	220	220		
	220			
CDD_MtrCurrK1_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[1]	3536.18433	220 ± 32 3536.18408 ± 32		

2016-07-24, 12:03:57+0530



CurrDQPer1

Name	Actual Value	Expected Value	Result
CDD_MtrCurrK2_Amps_G_f32[0]	220	220 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	2052.24951	2052.24951 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	~

Test Step Call Trace			✓		
	Actual Function	Count	Expected Function	Count	Result
	none	0	*** No Call Expected ***	0	~

Name	Input Value		
	The second secon		
Add2_GetPhsBCurr_Cnt_u16_m	609		
Adc2_GetPhsCCurr_Cnt_u16_m	446 2048		
CDD_ADC2OffsetComp_Cnt_G_u8p8 CDD_AppDetaEurdPthAccesePfr_Cpt_C_u16	0		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16			
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00300000003		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0007644		
CDD_DCPhsBComp_Cnt_G_u16p0	0		
CDD_DCPhsCComp_Cnt_G_u16p0	0		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.074997		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	143.074997		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0250000004		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0240000002		
CDD_MtrCurr1_Volts_G_f32[0]	2.00025487		
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00999999978		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00899999961		
CDD_MtrCurr2_Volts_G_f32[0]	2.00015473		
CDD_MtrCurr2_Volts_G_f32[1]	2.00025487		
CDD_MtrCurrDax_Amp_G_f32[0]	-120.000252		
CDD_MtrCurrDax_Amp_G_f32[1]	25.0002556		
CDD_MtrCurrK1_Amps_G_f32[0]	-200.000259		
CDD_MtrCurrK1_Amps_G_f32[1]	198.000259		
CDD_MtrCurrK2_Amps_G_f32[0]	-120.000252		
CDD_MtrCurrK2_Amps_G_f32[1]	25.0002556		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.000259		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0002556		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	7.23000002		
CDD_Vecu_Volt_G_f32[1]	6.48999977		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.50000004e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5046		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	550		
k_MtrPosComputDelay_Sec_f32	2.4999994e-005		
k_NoofPoles_UIs_f32	3.8599999		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.7000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	59.0750008		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	73.0749969		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.24000001		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.994598389	0.994598389 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0007644	0.0007644 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.00589011842	0.00589011842 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	0.73382175	0.73382175 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475	1.00025475 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	0.534798563	0.534798563 ± 32	
CDD_MtrCurr2_Volts_G_f32[1]	2.00025487	2.00025487 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	220	220	
CDD_MtrCurrDax_Amp_G_f32[1]	25.0002556	25.0002556	
CDD_MtrCurrK1_Amps_G_f32[0]	222.569885	222.569885 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	198.000259	198.000259 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	3.91461754	3.91461301 ± 0.0000152587890625	
CDD_MtrCurrK2_Amps_G_f32[1]	25.0002556	25.0002556 ± 0.0000152587890625	
CDD_MtrCurrQax_Amp_G_f32[0]	-11.4647541	-11.4647493 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	63.0002556	63.0002556 ± 0.03	

2016-07-24, 12:03:57+0530



CurrDQPer1

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

CurrDQPer1

2016-07-24, 12:03:57+0530



Test Case 2: Range test

2016-07-24, 12:03:57+0530



CurrDQPer1 Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles: es:
951 Cycles
1008 Cycles
934 Cycles
956 Cycles
924 Cycles
947 Cycles
906 Cycles
931 Cycles
911 Cycles
926 Cycles TC2.1 TC2.2 TC2.3 TC2.4 TC2.5 TC2.6 TC2.7 TC2.8 TC2.9 TC2.10 TC2.11 TC2.12 926 Cycles 911 Cycles 898 Cycles 898 Cycles 906 Cycles 898 Cycles 906 Cycles 906 Cycles 907 Cycles 911 Cycles 888 Cycles TC2.13 TC2.14 TC2.14 TC2.15 TC2.16 TC2.17 TC2.18 TC2.19 TC2.20 888 Cycles 888 Cycles 906 Cycles 901 Cycles 917 Cycles 952 Cycles 922 Cycles 931 Cycles 942 Cycles 942 Cycles 954 Cycles 906 Cycles 906 Cycles 906 Cycles 907 Cycles 908 Cycles 909 Cycles TC2.21 TC2.22 TC2.23 TC2.24 TC2.24 TC2.25 TC2.26 TC2.27 TC2.28 TC2.29 TC2.30 TC2.31 TC2.32 TC2.33 TC2.34 TC2.35 TC2.36 TC2.36 TC2.37 TC2.38 TC2.39 TC2.40 TC2.41 TC2.42 TC2.43 TC2.44 926 Cycles 926 Cycles 925 Cycles 925 Cycles 925 Cycles 945 Cycles 945 Cycles 915 Cycles 915 Cycles 888 Cycles 938 Cycles 911 Cycles 915 Cycles 853 Cycles 921 Cycles 939 Cycles 949 Cycles 944 Cycles TC2.45 TC2.46 TC2.47 TC2.48 TC2.49 TC2.50 TC2.51 924 Cycles 946 Cycles 887 Cycles 946 Cycles 927 Cycles 918 Cycles 918 Cycles 918 Cycles TC2.53 TC2.54 TC2.55 TC2.56 TC2.57 TC2.58 TC2.59 TC2.60 TC2.61 TC2.62 TC2.63 TC2.64 TC2.65 TC2.65 TC2.66 918 Cycles 894 Cycles 898 Cycles 907 Cycles 952 Cycles 879 Cycles 879 Cycles 901 Cycles 946 Cycles 901 Cycles 883 Cycles 915 Cycles 938 Cycles 938 Cycles 938 Cycles TC2.68 TC2.69 TC2.70 TC2.71 TC2.72 TC2.73 TC2.74 888 Cycles 938 Cycles





Description Vector Description:

TC2.1All Min TC2.2All Max TC2.2All Midz TC2.3k MtrPosComputDelay_Sec_f32=Min TC2.4k_MtrPosComputDelay_Sec_f32=Max TC2.5k_MtrPosComputDelay_Sec_f32=Pos/Default TC2.6Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32=Min TC2.7Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32=Max TC2.8Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32=Pos TC2.9Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32=Min TC2.10Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32=Max TC2.11Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32=Pos TC2.11Rte_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32=Pos TC2.12Rte_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32=Min TC2.13Rte_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32=Max TC2.14Rte_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32=Pos TC2.15Rte_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32=Max TC2.17Rte_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32=Pos TC2.18CDD_MRFMtrVel_MtrRadpS_G_f32[2]=Min TC2.19CDD_MRFMtrVel_MtrRadpS_G_f32[2]=Max TC2.20CDD_MRFMtrVel_MtrRadpS_G_f32[2]=Zero TC2.21CDD_MRFMtrVel_MtrRadpS_G_f32[2]=Pos TC2.22CDD_MRFMtrVel_MtrRadpS_G_f32[2]=Neg TC2.23CDD_AppDataFwdPthAccessBfr_Cnt_G_u16=Min TC2.24CDD_AppDataFwdPthAccessBfr_Cnt_G_u16=Max TC2.25CDD_AppDataFwdPthAccessBfr_Cnt_G_u16=Pos TC2.26CDD_Vecu_Volt_G_f32[2]=Min TC2.27CDD_Vecu_Volt_G_f32[2]=Max TC2.28CDD_Vecu_Volt_G_f32[2]=Pos TC2.29Adc2_GetPhsBCurr_Cnt_u16_m=Min TC2.30Adc2_GetPhsBCurr_Cnt_u16_m=Max TC2.31Adc2_GetPhsBCurr_Cnt_u16_m=Pos TC2.32Adc2_GetPhsCCurr_Cnt_u16_m=Min TC2.33Adc2_GetPhsCCurr_Cnt_u16_m=Max TC2.34Adc2_GetPhsCCurr_Cnt_u16_m=Pos TC2.35CDD_MtrCurr1TempOffset_Volt_G_f32[2]=Min TC2.36CDD_MtrCurr1TempOffset_Volt_G_f32[2]=Max TC2.37CDD_MtrCurr1TempOffset_Volt_G_f32[2]=Zero TC2.38CDD_MtrCurr1TempOffset_Volt_G_f32[2]=Pos TC2.39CDD_MtrCurr1TempOffset_Volt_G_f32[2]=Neg TC2.40CDD_MtrCurr2TempOffset_Volt_G_f32[2]=Min TC2.41CDD_MtrCurr2TempOffset_Volt_G_f32[2]=Max TC2.42CDD_MtrCurr2TempOffset_Volt_G_f32[2]=Zero TC2.43CDD_MtrCurr2TempOffset_Volt_G_f32[2]=Pos TC2.44CDD_MtrCurr2TempOffset_Volt_G_f32[2]=Neg TC2.45CDD_MtrElecPol_Cnt_G_s8=Min TC2.46CDD_MtrElecPol_Cnt_G_s8=Max TC2.47MtrPos_CorrectedMtrPos_Rev_G_u0p16=Min TC2.48MtrPos_CorrectedMtrPos_Rev_G_u0p16=Max TC2.49MtrPos_CorrectedMtrPos_Rev_G_u0p16=Pos TC2.59MtrCurr1OffDelta_VoltpVoltCnts_M_f32=Min TC2.51MtrCurr1OffDelta_VoltpVoltCnts_M_f32=Min TC2.52MtrCurr1OffDelta_VoltpVoltCnts_M_f32=Pos TC2.53MtrCurr2OffDelta_VoltpVoltCnts_M_f32=Min TC2.53MtrCurr2OffDelta_VoltpVoltCnts_M_52=Min TC2.54MtrCurr2OffDelta_VoltpVoltCnts_M_52=Max TC2.55MtrCurr2OffDelta_VoltpVoltCnts_M_532=Pos TC2.56CDD_CDDDataAccessBfr_Cnt_G_u16=Max TC2.57CDD_CDDDataAccessBfr_Cnt_G_u16=Pos TC2.58CDD_CDDDataAccessBfr_Cnt_G_u16=Pos TC2.59CDD_CDPhsAComp_Cnt_G_u16p0==>Min TC2.60CDD_DCPhsAComp_Cnt_G_u16p0==>Max TC2.61CDD_DCPhsAComp_Cnt_G_u16p0==>Pos TC2.62CDD_DCPhsBComp_Cnt_G_u16p0 TC2.63CDD_DCPhsBComp_Cnt_G_u16p0 TC2.64CDD_DCPhsBComp_Cnt_G_u16p0
TC2.65CDD_DCPhsCComp_Cnt_G_u16p0
TC2.66CDD_DCPhsCComp_Cnt_G_u16p0
TC2.66CDD_DCPhsCComp_Cnt_G_u16p0
TC2.67CDD_DCPhsCComp_Cnt_G_u16p0
TC2.68k_MtrCurrOffLoComOff_Cnt_u16==>Min/Default
TC2.69k_MtrCurrOffLoComOff_Cnt_u16==>Max TC2.70k_MtrCurrOffLoComOff_Cnt_u16==>Pos TC2.71CDD_ADC2OffsetComp_Cnt_G_u8p8==>Min TC2.72CDD_ADC2OffsetComp_Cnt_G_u8p8==>Max TC2.73CDD_ADC2OffsetComp_Cnt_G_u8p8==>Pos TC2.74k_NoofPoles_Uls_f32==>Min TC2.75k_NoofPoles_Uls_f32==>Max/Default TC2.76k_NoofPoles_Uls_f32==>Pos

Test Step 2.1 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	0	
Adc2_GetPhsCCurr_Cnt_u16_m	0	
CDD_ADC2OffsetComp_Cnt_G_u8p8	0	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0	
CDD_DCPhsBComp_Cnt_G_u16p0	0	
CDD_DCPhsCComp_Cnt_G_u16p0	0	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1118	

2016-07-24, 12:03:57+0530



			10010
Name	Input Value		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-1118		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0260000005		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0260000005		
CDD_MtrCurr1_Volts_G_f32[0]	0		
CDD_MtrCurr1_Volts_G_f32[1]	0		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0260000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0260000005		
CDD_MtrCurr2_Volts_G_f32[0]	0		
CDD_MtrCurr2_Volts_G_f32[1]	0		
CDD_MtrCurrDax_Amp_G_f32[0]	-220		
CDD_MtrCurrDax_Amp_G_f32[1]	-220		
CDD_MtrCurrK1_Amps_G_f32[0]	-220		
CDD_MtrCurrK1_Amps_G_f32[1]	-220		
CDD_MtrCurrK2_Amps_G_f32[0]	-220		
CDD_MtrCurrK2_Amps_G_f32[1]	-220		
CDD_MtrCurrQax_Amp_G_f32[0]	-220		
CDD_MtrCurrQax_Amp_G_f32[1]	-220		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	5		
CDD_Vecu_Volt_G_f32[1]	5		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	500		
k_MtrPosComputDelay_Sec_f32	2.49999994e-005		
k_NoofPoles_Uls_f32	2		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0788726807	0.0788726807 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0	0 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	-0.02795	-0.02795 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	0	0 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	0	0 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0	0 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	0	0 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	34.2729912	34.272995	~
CDD_MtrCurrDax_Amp_G_f32[1]	-220	-220	~
CDD_MtrCurrK1_Amps_G_f32[0]	38.9599991	38.9599991 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	-220	-220 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	0	0 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	-220	-220 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	18.5268288	18.5268288 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.2 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	4095	
Adc2_GetPhsCCurr_Cnt_u16_m	4095	
CDD_ADC2OffsetComp_Cnt_G_u8p8	65280	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.999984741	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.999984741	
CDD_DCPhsBComp_Cnt_G_u16p0	7150	
CDD_DCPhsCComp_Cnt_G_u16p0	7150	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1118	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1118	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0260000005	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0260000005	
CDD_MtrCurr1_Volts_G_f32[0]	5	
CDD_MtrCurr1_Volts_G_f32[1]	5	

2016-07-24, 12:03:57+0530



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Name	Input Value		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0260000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0260000005		
CDD MtrCurr2 Volts G f32[0]	5		
CDD_MtrCurr2_Volts_G_f32[1]	5		
CDD_MtrCurrDax_Amp_G_f32[0]	220		
CDD_MtrCurrDax_Amp_G_f32[1]	220		
CDD_MtrCurrK1_Amps_G_f32[0]	220		
CDD_MtrCurrK1_Amps_G_f32[1]	220		
CDD_MtrCurrK2_Amps_G_f32[0]	220		
CDD_MtrCurrK2_Amps_G_f32[1]	220		
CDD_MtrCurrQax_Amp_G_f32[0]	220		
CDD_MtrCurrQax_Amp_G_f32[1]	220		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	31		
CDD_Vecu_Volt_G_f32[1]	31		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0.000171428997		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0.000171428997		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	65535		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	1500		
k_MtrPosComputDelay_Sec_f32	0.000199999995		
k_NoofPoles_Uls_f32	6		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.999984741	0.999984741 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0234222412	0.0234222412 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.670799971	0.670799971 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	5	5 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	4.68864489	4.68864489 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	5	5 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	4.68864489	4.68864489 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	220	220	•
CDD_MtrCurrDax_Amp_G_f32[1]	220	220	•
CDD_MtrCurrK1_Amps_G_f32[0]	220	220 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	7090.78613	7090.78564 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	220	220 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	0	0 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	~

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.3 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	609
Adc2_GetPhsCCurr_Cnt_u16_m	446
CDD_ADC2OffsetComp_Cnt_G_u8p8	2048
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00300000003
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0007644
CDD_DCPhsBComp_Cnt_G_u16p0	0
CDD_DCPhsCComp_Cnt_G_u16p0	0
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.074997
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	143.074997
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0250000004
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0240000002
CDD_MtrCurr1_Volts_G_f32[0]	2.00025487
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00999999978
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00899999961
CDD_MtrCurr2_Volts_G_f32[0]	2.00015473
CDD_MtrCurr2_Volts_G_f32[1]	2.00025487
CDD_MtrCurrDax_Amp_G_f32[0]	-120.000252

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_MtrCurrDax_Amp_G_f32[1]	25.0002556		
CDD_MtrCurrK1_Amps_G_f32[0]	-200.000259		
CDD_MtrCurrK1_Amps_G_f32[1]	198.000259		
CDD_MtrCurrK2_Amps_G_f32[0]	-120.000252		
CDD_MtrCurrK2_Amps_G_f32[1]	25.0002556		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.000259		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0002556		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	7.23000002		
CDD_Vecu_Volt_G_f32[1]	6.48999977		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.50000004e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5046		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	550		
k_MtrPosComputDelay_Sec_f32	2.49999994e-005		
k_NoofPoles_Uls_f32	2.71202183		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.70000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	59.0750008		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	73.0749969		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.24000001		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.99432373	0.99432373 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0007644	0.0007644 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	0.00413837563	0.00413837563 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	0.73382175	0.73382175 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475	1.00025475 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	0.534798563	0.534798563 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	2.00025487	2.00025487 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	220	220	~
CDD_MtrCurrDax_Amp_G_f32[1]	25.0002556	25.0002556	~
CDD_MtrCurrK1_Amps_G_f32[0]	222.569885	222.569885 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	198.000259	198.000259 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[0]	3.91461754	3.91461301 ± 0.0000152587890625	✓
CDD_MtrCurrK2_Amps_G_f32[1]	25.0002556	25.0002556 ± 0.0000152587890625	-
CDD_MtrCurrQax_Amp_G_f32[0]	-11.8483696	-11.8483648 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	63.0002556	63.0002556 ± 0.03	✓

Test Step Call Trace			✓		
Α	ctual Function	Count	Expected Function	Count	Result
r	none	0	*** No Call Expected ***	0	~

Test Step 2.4 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	625
Adc2_GetPhsCCurr_Cnt_u16_m	458
CDD_ADC2OffsetComp_Cnt_G_u8p8	4096
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00400000019
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00101919996
CDD_DCPhsBComp_Cnt_G_u16p0	7150
CDD_DCPhsCComp_Cnt_G_u16p0	7150
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.099998
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	141.100006
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0240000002
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.023
CDD_MtrCurr1_Volts_G_f32[0]	2.0005095
CDD_MtrCurr1_Volts_G_f32[1]	4.00050974
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00899999961
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00800000038
CDD_MtrCurr2_Volts_G_f32[0]	2.0005095
CDD_MtrCurr2_Volts_G_f32[1]	4.00050974
CDD_MtrCurrDax_Amp_G_f32[0]	-200.000504
CDD_MtrCurrDax_Amp_G_f32[1]	198.000504
CDD_MtrCurrK1_Amps_G_f32[0]	-180.000504
CDD_MtrCurrK1_Amps_G_f32[1]	125.000511
CDD_MtrCurrK2_Amps_G_f32[0]	-200.000504
CDD_MtrCurrK2_Amps_G_f32[1]	198.000504

CurrDQPer1

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.000511		
CDD_MtrCurrQax_Amp_G_f32[1]	25.0005093		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	8.23999977		
CDD_Vecu_Volt_G_f32[1]	7.5		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.0999998e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.60000008e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5177		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	600		
k_MtrPosComputDelay_Sec_f32	0.00019999995		
k_NoofPoles_Uls_f32	3.74299479		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.79999995		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	60.0999985		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	77.0999985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.26999998		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0040000019	0.00400000019 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.170730591	0.170730591 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.0528136566	0.0528136566 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	2.0005095	2.0005095 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	0.743589759	0.743589759 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	2.0005095	2.0005095 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.539682567	0.539682567 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	-200.000504	-200.000504	✓
CDD_MtrCurrDax_Amp_G_f32[1]	220	220	-
CDD_MtrCurrK1_Amps_G_f32[0]	-180.000504	-180.000504 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	529.10144	529.101379 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-200.000504	-200.000504 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	92.7710114	92.7709961 ± 0.0000152587890625	•
CDD_MtrCurrQax_Amp_G_f32[0]	-120.000511	-120.000511 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	-

Test Step Call Trace			V		
Actual	Function	Count	Expected Function	Count	Result
none		0	*** No Call Expected ***	0	~

Test Step 2.5 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	641
Adc2_GetPhsCCurr_Cnt_u16_m	470
CDD_ADC2OffsetComp_Cnt_G_u8p8	6144
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00499999989
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00127400004
CDD_DCPhsBComp_Cnt_G_u16p0	255
CDD_DCPhsCComp_Cnt_G_u16p0	324
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.125
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	144.125
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.023
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219999999
CDD_MtrCurr1_Volts_G_f32[0]	0.0007644
CDD_MtrCurr1_Volts_G_f32[1]	2.00076437
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00800000038
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00700000022
CDD_MtrCurr2_Volts_G_f32[0]	0.0007644
CDD_MtrCurr2_Volts_G_f32[1]	1.00076437
CDD_MtrCurrDax_Amp_G_f32[0]	-180.000763
CDD_MtrCurrDax_Amp_G_f32[1]	125.000763
CDD_MtrCurrK1_Amps_G_f32[0]	-160.000763
CDD_MtrCurrK1_Amps_G_f32[1]	120.000763
CDD_MtrCurrK2_Amps_G_f32[0]	-180.000763
CDD_MtrCurrK2_Amps_G_f32[1]	125.000763
CDD_MtrCurrQax_Amp_G_f32[0]	-200.000763
CDD_MtrCurrQax_Amp_G_f32[1]	198.000763
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	9.25
CDD_Vecu_Volt_G_f32[1]	8.51000023

CurrDQPer1



Name	Input Value		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.20000002e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.70000011e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5308		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	650		
k_MtrPosComputDelay_Sec_f32	9.60000034e-005		
k_NoofPoles_Uls_f32	2.74794936		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.9000001		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	61.125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	81.125		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.2999995		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.000228881836	0.000228881836 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00127400004	0.00127400004 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.0161084794	0.0161084794 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	0.753357768	0.753357768 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	2.00076437	2.00076437 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.544566572	0.544566572 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	1.00076437	1.00076437 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	220	220	✓
CDD_MtrCurrDax_Amp_G_f32[1]	125.000763	125.000763	~
CDD_MtrCurrK1_Amps_G_f32[0]	250.617706	250.617676 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	120.000763	120.000763 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[0]	0.512343526	0.512347937 ± 0.0000152587890625	✓
CDD_MtrCurrK2_Amps_G_f32[1]	125.000763	125.000763 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-0.151928037	-0.151932508 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	198.000763	198.000763 ± 0.03	~

Test Step Call Trace					✓
Actual Fu	unction	Count	Expected Function	Count	Result
none		0	*** No Call Expected ***	0	~

Name	Input Value	
Adc2 GetPhsBCurr Cnt u16 m	657	
Adc2 GetPhsCCurr Cnt u16 m	482	
CDD ADC2OffsetComp Cnt G u8p8	8192	
CDD AppDataFwdPthAccessBfr Cnt G u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00600000005	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0015288	
CDD_DCPhsBComp_Cnt_G_u16p0	300	
CDD_DCPhsCComp_Cnt_G_u16p0	358	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.150002	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	142.149994	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219999999	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0209999997	
CDD_MtrCurr1_Volts_G_f32[0]	1.00101924	
CDD_MtrCurr1_Volts_G_f32[1]	2.00101924	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00700000022	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00600000005	
CDD_MtrCurr2_Volts_G_f32[0]	1.00101924	
CDD_MtrCurr2_Volts_G_f32[1]	2.00101924	
CDD_MtrCurrDax_Amp_G_f32[0]	-160.001022	
CDD_MtrCurrDax_Amp_G_f32[1]	120.001022	
CDD_MtrCurrK1_Amps_G_f32[0]	-140.001022	
CDD_MtrCurrK1_Amps_G_f32[1]	63.0010185	
CDD_MtrCurrK2_Amps_G_f32[0]	-160.001022	
CDD_MtrCurrK2_Amps_G_f32[1]	120.001022	
CDD_MtrCurrQax_Amp_G_f32[0]	-180.001022	
CDD_MtrCurrQax_Amp_G_f32[1]	125.001022	
CDD_MtrElecPol_Cnt_G_s8	-1	
CDD_Vecu_Volt_G_f32[0]	10.2600002	
CDD_Vecu_Volt_G_f32[1]	9.52000046	
cmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.30000005e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.80000014e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5439	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
_MtrCurrOffLoComOff_Cnt_u16	700	

CurrDQPer1



Name	Input Value		
k_MtrPosComputDelay_Sec_f32	0.000110000001		
k_NoofPoles_Uls_f32	2.36386585		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.1500015		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	85.1500015		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.32999992		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0060000005	0.00600000005 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.169265747	0.169265747 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.0184812937	0.0184812937 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.00101924	1.00101924 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	0.763125777	0.763125777 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.00101924	1.00101924 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	0.549450576	0.549450576 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	-160.001022	-160.001022	✓
CDD_MtrCurrDax_Amp_G_f32[1]	130.866104	130.866119	✓
CDD_MtrCurrK1_Amps_G_f32[0]	-140.001022	-140.001022 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	141.058823	141.058823 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[0]	-160.001022	-160.001022 ± 0.0000152587890625	✓
CDD_MtrCurrK2_Amps_G_f32[1]	71.3222275	71.3222275 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-180.001022	-180.001022 ± 0.03	~
CDD MtrCurrQax Amp G f32[1]	88.6482544	88.6482468 ± 0.03	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Name	Input Value	
Adc2 GetPhsBCurr Cnt u16 m	673	
Adc2 GetPhsCCurr Cnt u16 m	494	
CDD ADC2OffsetComp Cnt G u8p8	10240	
CDD AppDataFwdPthAccessBfr Cnt G u16	0	
CDD CDDDataAccessBfr Cnt G u16	0	
CDD CorrMtrPosElec Rev G f32[0]	0.00700000022	
CDD CorrMtrPosElec Rev G f32[1]	0.00178359996	
CDD DCPhsBComp Cnt G u16p0	345	
CDD DCPhsCComp Cnt G u16p0	392	
CDD MRFMtrVel MtrRadpS G f32[0]	122.175003	
CDD MRFMtrVel MtrRadpS G f32[1]	145.175003	
CDD MtrCurr1TempOffset Volt G f32[0]	-0.0209999997	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00200000009	
CDD_MtrCurr1_Volts_G_f32[0]	2.00127411	
CDD MtrCurr1 Volts G f32[1]	1.00127399	
CDD MtrCurr2TempOffset Volt G f32[0]	-0.00600000005	
CDD MtrCurr2TempOffset Volt G f32[1]	-0.0049999989	
CDD_MtrCurr2_Volts_G_f32[0]	1.00127399	
CDD_MtrCurr2_Volts_G_f32[1]	2.00127411	
CDD MtrCurrDax Amp G f32[0]	-140.001266	
CDD_MtrCurrDax_Amp_G_f32[1]	63.0012741	
CDD_MtrCurrK1_Amps_G_f32[0]	-200.001266	
CDD_MtrCurrK1_Amps_G_f32[1]	198.001266	
CDD_MtrCurrK2_Amps_G_f32[0]	-140.001266	
CDD_MtrCurrK2_Amps_G_f32[1]	63.0012741	
CDD_MtrCurrQax_Amp_G_f32[0]	-160.001266	
CDD MtrCurrQax Amp G f32[1]	120.001274	
CDD MtrElecPol Cnt G s8	1	
CDD Vecu Volt G f32[0]	11.2700005	
CDD Vecu Volt G f32[1]	10.5299997	
:mMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.40000008e-005	
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	5.9000018e-005	
/trPos CorrectedMtrPos Rev G u0p16	5571	
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr	
MtrCurrOffLoComOff Cnt u16	750	
MtrPosComputDelay Sec f32	0.000119999997	
NoofPoles Uls f32	3.24682975	
gt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3	
gt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	63.1749992	
gt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	89.1750031	

CurrDQPer1



Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.3599999		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00546264648	0.00546264648 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00178359996	0.00178359996 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	0.0238008853	0.0238008853 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	0.772893786	0.772893786 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	1.00127399	1.00127399 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.554334581	0.554334581 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	2.00127411	2.00127411 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	220	220	~
CDD_MtrCurrDax_Amp_G_f32[1]	63.0012741	63.0012741	~
CDD_MtrCurrK1_Amps_G_f32[0]	269.72403	269.72403 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	198.001266	198.001266 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-1.85746443	-1.85746443 ± 0.0000152587890625	✓
CDD_MtrCurrK2_Amps_G_f32[1]	63.0012741	63.0012741 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	11.1122417	11.1122427 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	120.001274	120.001274 ± 0.03	~

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.8 (Repeat Count = 1) Name	Input Value		
	•		
Adc2_GetPhsBCurr_Cnt_u16_m	689		
Adc2_GetPhsCCurr_Cnt_u16_m	506		
CDD_ADC2OffsetComp_Cnt_G_u8p8	12288		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00800000038		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00203839992		
CDD_DCPhsBComp_Cnt_G_u16p0	390		
CDD_DCPhsCComp_Cnt_G_u16p0	426		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.199997		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	143.199997		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00200000009		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0189999994		
CDD_MtrCurr1_Volts_G_f32[0]	4.00637007		
CDD_MtrCurr1_Volts_G_f32[1]	1.00636995		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0049999989		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00400000019		
CDD_MtrCurr2_Volts_G_f32[0]	4.00637007		
CDD_MtrCurr2_Volts_G_f32[1]	2.00637007		
CDD_MtrCurrDax_Amp_G_f32[0]	-120.001526		
CDD_MtrCurrDax_Amp_G_f32[1]	25.0015297		
CDD_MtrCurrK1_Amps_G_f32[0]	-180.001526		
CDD_MtrCurrK1_Amps_G_f32[1]	125.001526		
CDD_MtrCurrK2_Amps_G_f32[0]	-120.001526		
CDD_MtrCurrK2_Amps_G_f32[1]	25.0015297		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.001526		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0015297		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	12.2799997		
CDD_Vecu_Volt_G_f32[1]	11.54		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.49999994e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.9999985e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5702		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	800		
k_MtrPosComputDelay_Sec_f32	0.00013		
k_NoofPoles_Uls_f32	5.0063343		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.5		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1999969		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	93.1999969		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.3900001		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00800000038	0.00800000038 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.177749634	0.177749634 ± 0.0000152587890625	•





Name	Actual Value	Expected Value	Result
CDD_ElecPosDelayComp_Rad_G_f32	0.0465989597	0.0465989597 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	4.00637007	4.00637007 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	0.782661796	0.782661796 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	4.00637007	4.00637007 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.559218585	0.559218585 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-120.001526	-120.001526	✓
CDD_MtrCurrDax_Amp_G_f32[1]	129.469208	129.469223	~
CDD_MtrCurrK1_Amps_G_f32[0]	-180.001526	-180.001526 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	245.904236	245.904236 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-120.001526	-120.001526 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	24.0707855	24.0707951 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-140.001526	-140.001526 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	210.442444	210.442429 ± 0.03	~

Test Step Call Trace					V
	Actual Function	Count	Expected Function	Count	Result
	none	0	*** No Call Expected ***	0	~

Test Step 2.9 (Repeat Count = 1)			•
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	705		
Adc2_GetPhsCCurr_Cnt_u16_m	518		
CDD_ADC2OffsetComp_Cnt_G_u8p8	14336		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0089999961		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0022932		
CDD_DCPhsBComp_Cnt_G_u16p0	435		
CDD_DCPhsCComp_Cnt_G_u16p0	460		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.224998		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	146.225006		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0189999994		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0179999992		
CDD_MtrCurr1_Volts_G_f32[0]	0.00178359996		
CDD_MtrCurr1_Volts_G_f32[1]	2.00178361		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0040000019		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0030000003		
CDD_MtrCurr2_Volts_G_f32[0]	0.00178359996		
CDD MtrCurr2 Volts G f32[1]	1.00178361		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.001785		
CDD_MtrCurrDax_Amp_G_f32[1]	198.001785		
CDD_MtrCurrK1_Amps_G_f32[0]	-160.001785		
CDD_MtrCurrK1_Amps_G_f32[1]	120.001785		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.001785		
CDD_MtrCurrK2_Amps_G_f32[1]	198.001785		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.001785		
CDD_MtrCurrQax_Amp_G_f32[1]	25.0017834		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	13.29		
CDD_Vecu_Volt_G_f32[1]	12.5500002		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.5999997e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.09999988e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5833		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	850		
k_MtrPosComputDelay_Sec_f32	0.000140000004		
k NoofPoles Uls f32	3.53356576		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	65.2249985		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	97.2249985		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	1		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal		
Name	Actual Value	Expected Value	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0104827881	0.0104827881 ± 0.0000152587890625	IXesui
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0022932	0.0022932 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0302323066	0.0022932 ± 0.0000152587890625 0.0302323066 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	0.792429805	0.792429805 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	0.792429805 2.00178361		
CDD_MtrCurr1_Voits_G_f32[1] CDD_MtrCurr2_Voits_G_f32[0]	0.56410259	2.00178361 ± 32 0.56410259 ± 32	
CDD MtrCurr2 Volts G f32[1]	1.00178361	1.00178361 ± 32	
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Name	Actual Value	Expected Value	Result
CDD_MtrCurrDax_Amp_G_f32[0]	12.5438757	12.5438814	•
CDD_MtrCurrDax_Amp_G_f32[1]	198.001785	198.001785	~
CDD_MtrCurrK1_Amps_G_f32[0]	12.790926	12.7909317 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	120.001785	120.001785 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-3.33215642	-3.33215976 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	198.001785	198.001785 ± 0.0000152587890625	•
CDD_MtrCurrQax_Amp_G_f32[0]	4.1668005	4.16680384 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	25.0017834	25.0017834 ± 0.03	~

Test Step Call Trace			✓		
	Actual Function	Count	Expected Function	Count	Result
	none	0	*** No Call Expected ***	0	~

Test Step 2.10 (Repeat Count = 1)			
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	721		
Adc2_GetPhsCCurr_Cnt_u16_m	530		
CDD_ADC2OffsetComp_Cnt_G_u8p8	16384		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0099999978		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00254800008		
CDD_DCPhsBComp_Cnt_G_u16p0	480		
CDD_DCPhsCComp_Cnt_G_u16p0	494		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.25		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	144.25		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0179999992		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0170000009		
CDD_MtrCurr1_Volts_G_f32[0]	1.00203836		
CDD_MtrCurr1_Volts_G_f32[1]	2.00203848		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00300000003		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00200000009		
CDD_MtrCurr2_Volts_G_f32[0]	1.00203836		
CDD_MtrCurr2_Volts_G_f32[1]	2.00203848		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.002045		
CDD_MtrCurrDax_Amp_G_f32[1]	125.002037		
CDD_MtrCurrK1_Amps_G_f32[0]	-140.002045		
CDD_MtrCurrK1_Amps_G_f32[1]	63.002037		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.002045		
CDD_MtrCurrK2_Amps_G_f32[1]	125.002037		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.002045		
CDD_MtrCurrQax_Amp_G_f32[1]	198.002045		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	14.3000002		
CDD_Vecu_Volt_G_f32[1]	13.5600004		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.7e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.19999992e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5964		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	900		
k_MtrPosComputDelay_Sec_f32	0.000150000007		
k NoofPoles Uls f32	2.88404393		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.10000002		
tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	66.25		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	101.25		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
	Actual Value	Expected Value	Resul
Name CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0099999978	0.00999999978 ± 0.0000152587890625	Resul
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00999999978	0.179290771 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0312017519	0.0312017519 ± 0.0000152587890625	
CDD MtrCurr1 Volts G f32[0]			
CDD_MtrCurr1_voits_G_r32[0] CDD MtrCurr1 Volts G f32[1]	1.00203836	1.00203836 ± 32	
	0.802197814	0.802197814 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	1.00203836	1.00203836 ± 32	
CDD_MtrCurr2_Volts_G_f32[1]	0.568986595	0.568986595 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-180.002045	-180.002045	1
CDD_MtrCurrDax_Amp_G_f32[1]	199.108582	199.108612	,
CDD_MtrCurrK1_Amps_G_f32[0]	-140.002045	-140.002045 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	218.941406	218.941437 ± 32	,
CDD_MtrCurrK2_Amps_G_f32[0]	-180.002045	-180.002045 ± 0.0000152587890625	•





Name	Actual Value	Expected Value	Result
CDD_MtrCurrK2_Amps_G_f32[1]	116.295929	116.295944 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-200.002045	-200.002045 ± 0.03	~
CDD MtrCurrQax Amp G f32[1]	147.70192	147.701935 ± 0.03	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.11 (Repeat Count = 1) Name	Input Value		
	737		
Adc2_GetPhsBCurr_Cnt_u16_m	542		
Adc2_GetPhsCCurr_Cnt_u16_m			
CDD_ADC2OffsetComp_Cnt_G_u8p8	18432		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0109999999		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00280279992		
CDD_DCPhsBComp_Cnt_G_u16p0	525		
CDD_DCPhsCComp_Cnt_G_u16p0	528		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.275002		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	147.274994		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0170000009		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0160000008		
CDD_MtrCurr1_Volts_G_f32[0]	2.00229311		
CDD_MtrCurr1_Volts_G_f32[1]	1.00229323		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00200000009		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00100000005		
CDD_MtrCurr2_Volts_G_f32[0]	2.00229311		
CDD_MtrCurr2_Volts_G_f32[1]	1.00229323		
CDD_MtrCurrDax_Amp_G_f32[0]	-160.002289		
CDD_MtrCurrDax_Amp_G_f32[1]	120.002296		
CDD_MtrCurrK1_Amps_G_f32[0]	-120.002296		
CDD_MtrCurrK1_Amps_G_f32[1]	25.0022926		
CDD MtrCurrK2 Amps G f32[0]	-160.002289		
CDD_MtrCurrK2_Amps_G_f32[1]	120.002296		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.002289		
CDD MtrCurrQax Amp G f32[1]	125.002296		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	15.3100004		
CDD_Vecu_Volt_G_f32[1]	14.5699997		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.80000004e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.2999995e-005		
	6095		
MtrPos_CorrectedMtrPos_Rev_G_u0p16			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	950		
k_MtrPosComputDelay_Sec_f32	0.000159999996		
k_NoofPoles_Uls_f32	3.31720138		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.20000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	67.2750015		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	105.275002		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.5		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Res
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.014831543	0.014831543 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00280279992	0.00280279992 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0324488655	0.0324488617 ± 0.0000152587890625	
CDD MtrCurr1 Volts G f32[0]	0.811965823	0.811965823 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	1.00229323	1.00229323 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	0.573870599	0.573870599 ± 32	
CDD MtrCurr2 Volts G f32[1]	1.00229323	1.00229323 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	163.574768	163.574753	
CDD_MtrCurrDax_Amp_G_f32[1]	120.002296	120.002296	
CDD MtrCurrK1 Amps G f32[0]	172.198914	172.198914 ± 32	
CDD_MtrCurrK1_Amps_G_132[0]	25.0022926	25.0022926 ± 32	
		-84.6491852 ± 0.0000152587890625	
CDD_MtrCurrK2_Amps_G_f32[0]	-84.6491928		
CDD_MtrCurrK2_Amps_G_f32[1]	120.002296	120.002296 ± 0.0000152587890625	
CDD_MtrCurrQax_Amp_G_f32[0]	100.305786	100.305779 ± 0.03	



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.12 (Repeat Count = 1)			✓	
Name	Input Value			
Adc2_GetPhsBCurr_Cnt_u16_m	753			
Adc2_GetPhsCCurr_Cnt_u16_m	554			
CDD ADC2OffsetComp Cnt G u8p8	20480			
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1			
CDD_CDDDataAccessBfr_Cnt_G_u16	1			
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0120000001			
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0030576			
CDD_DCPhsBComp_Cnt_G_u16p0	570			
CDD_DCPhsCComp_Cnt_G_u16p0	562			
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.300003			
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	145.300003			
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0160000008			
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0149999997			
CDD_MtrCurr1_Volts_G_f32[0]	2.00254798			
CDD_MtrCurr1_Volts_G_f32[1]	1.00254798			
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0010000005			
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0			
CDD_MtrCurr2_Volts_G_f32[0]	1.00254798			
CDD_MtrCurr2_Volts_G_f32[1]	2.00254798			
CDD_MtrCurrDax_Amp_G_f32[0]	-140.002548			
CDD_MtrCurrDax_Amp_G_f32[1]	63.0025482			
CDD_MtrCurrK1_Amps_G_f32[0]	-200.002548			
CDD_MtrCurrK1_Amps_G_f32[1]	198.002548			
CDD_MtrCurrK2_Amps_G_f32[0]	-140.002548			
CDD_MtrCurrK2_Amps_G_f32[1]	63.0025482			
CDD_MtrCurrQax_Amp_G_f32[0]	-160.002548			
CDD_MtrCurrQax_Amp_G_f32[1]	120.002548			
CDD_MtrElecPol_Cnt_G_s8	1			
CDD_Vecu_Volt_G_f32[0]	16.3199997			
CDD_Vecu_Volt_G_f32[1]	15.5799999			
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.90000007e-005			
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.3999998e-005			
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6226			
Rte_Inst_Sa_CmMtrCurr k MtrCurrOffLoComOff Cnt u16	tgt_Rte_Inst_Sa_CmMtrCurr 1000			
k_MtrPosComputDelay_Sec_f32	0.000169999999			
k NoofPoles Uls f32	5.10269928			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1,2999995			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20			
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt_132	109.300003			
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.33899999			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
			Result	
CDD_CorrMtrPosElec_Rev_G_f32[0] CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0120000001 0.021697998	0.0120000001 ± 0.0000152587890625 0.021697998 ± 0.0000152587890625	-	
CDD_Continue osciec_Rev_G_i32[i] CDD_ElecPosDelayComp_Rad_G_f32	0.021097998	0.063020885 ± 0.0000152587890625		
CDD_MtrCurr1_Volts_G_f32[0]	2.00254798	2.00254798 ± 32	•	
CDD_MtrCurr1_volts_G_f32[t]	0.821733832	0.821733832 ± 32		
CDD MtrCurr2 Volts G f32[0]	1.00254798	1.00254798 ± 32	-	
CDD_MtrCurr2_Volts_G_f32[1]	0.578754604	0.578754604 ± 32		
CDD_MtrCurrDax Amp G f32[0]	-140.002548	-140.002548	-	
CDD_MtrCurrDax_Amp_G_f32[1]	138.435867	138.435867		
CDD_MtrCurrK1_Amps_G_f32[0]	-200.002548	-200.002548 ± 32	-	
CDD MtrCurrK1 Amps G f32[1]	150.838562	150.838562 ± 32		
CDD MtrCurrK2 Amps G f32[0]	-140.002548	-140.002548 ± 0.0000152587890625	-	
CDD_MtrCurrK2_Amps_G_f32[1]	-80.9582214	-80.9582214 ± 0.0000152587890625		
CDD_MtrCurrQax_Amp_G_f32[0]	-160.002548	-160.002548 ± 0.03	~	
CDD_MtrCurrQax_Amp_G_f32[1]	100.707581	100.707581 ± 0.03		
0000dirddx_/mip_0_ioz[i]	100.707001	100.707001 ± 0.00		

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~



Test Step 2.13 (Repeat Count = 1)			✓	
Name	Input Value			
Adc2_GetPhsBCurr_Cnt_u16_m	769			
Adc2 GetPhsCCurr Cnt u16 m	566			
CDD ADC2OffsetComp Cnt G u8p8	22528			
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0			
CDD_CDDDataAccessBfr_Cnt_G_u16	0			
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0130000003			
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00331240008			
CDD_DCPhsBComp_Cnt_G_u16p0	615			
CDD_DCPhsCComp_Cnt_G_u16p0	596			
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.324997			
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	148.324997			
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0149999997			
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0140000004			
CDD_MtrCurr1_Volts_G_f32[0]	0.00280279992			
CDD_MtrCurr1_Volts_G_f32[1]	4.00280285			
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0			
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00100000005			
CDD_MtrCurr2_Volts_G_f32[0]	0.00280279992			
CDD_MtrCurr2_Volts_G_f32[1]	4.00280285			
CDD_MtrCurrDax_Amp_G_f32[0]	-120.0028			
CDD_MtrCurrDax_Amp_G_f32[1]	25.0028019			
CDD_MtrCurrK1_Amps_G_f32[0]	-180.002808			
CDD_MtrCurrK1_Amps_G_f32[1]	125.0028			
CDD_MtrCurrK2_Amps_G_f32[0]	-120.0028			
CDD_MtrCurrK2_Amps_G_f32[1]	25.0028019			
CDD_MtrCurrQax_Amp_G_f32[0]	-140.002808			
CDD_MtrCurrQax_Amp_G_f32[1]	63.0028038			
CDD_MtrElecPol_Cnt_G_s8	1			
CDD_Vecu_Volt_G_f32[0]	17.3299999			
CDD_Vecu_Volt_G_f32[1]	16.5900002			
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.99999992e-005			
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.50000002e-005			
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6357			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_MtrCurrOffLoComOff_Cnt_u16	1050			
k_MtrPosComputDelay_Sec_f32	0.000180000003			
k_NoofPoles_Uls_f32	5.28036356			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.3999998			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	113.324997			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.33999991			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0229187012	0.0229187012 ± 0.0000152587890625	~	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00331240008	0.00331240008 ± 0.0000152587890625	~	
CDD_ElecPosDelayComp_Rad_G_f32	0.0581328422	0.0581328422 ± 0.0000152587890625	~	
CDD_MtrCurr1_Volts_G_f32[0]	0.831501842	0.831501842 ± 32	✓	
CDD_MtrCurr1_Volts_G_f32[1]	4.00280285	4.00280285 ± 32	~	
CDD_MtrCurr2_Volts_G_f32[0]	0.583638608	0.583638608 ± 32	~	
CDD_MtrCurr2_Volts_G_f32[1]	4.00280285	4.00280285 ± 32	~	
CDD_MtrCurrDax_Amp_G_f32[0]	172.694214	172.694199	~	
CDD_MtrCurrDax_Amp_G_f32[1]	25.0028019	25.0028019	~	
CDD_MtrCurrK1_Amps_G_f32[0]	183.192673	183.192673 ± 32	~	
CDD_MtrCurrK1_Amps_G_f32[1]	125.0028	125.0028 ± 32	~	
CDD_MtrCurrK2_Amps_G_f32[0]	-59.9444046	-59.9444008 ± 0.0000152587890625	~	
CDD_MtrCurrK2_Amps_G_f32[1]	25.0028019	25.0028019 ± 0.0000152587890625	~	
CDD_MtrCurrQax_Amp_G_f32[0]	85.6130676	85.61306 ± 0.03	~	
CDD_MtrCurrQax_Amp_G_f32[1]	63.0028038	63.0028038 ± 0.03	✓	

T	Test Step Call Trace				✓
A	ctual Function	Count	Expected Function	Count	Result
n	one	0	*** No Call Expected ***	0	~

Test Step 2.14 (Repeat Count = 1)		
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	785	
Adc2_GetPhsCCurr_Cnt_u16_m	578	

CurrDQPer1

2016-07-24, 12:03:57+0530



Name Input Value CDD_ADC2OffsetComp_Cnt_G_u8p8 24576 CDD_AppDataFwdPthAccessBfr_Cnt_G_u16 CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0140000004 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.00356719992 CDD_DCPhsBComp_Cnt_G_u16p0 660 CDD_DCPhsCComp_Cnt_G_u16p0 630 CDD_MRFMtrVel_MtrRadpS_G_f32[0] 120.349998 CDD_MRFMtrVel_MtrRadpS_G_f32[1] 146.350006 -0.0140000004 CDD_MtrCurr1TempOffset_Volt_G_f32[0] CDD_MtrCurr1TempOffset_Volt_G_f32[1] -0.0130000003 CDD_MtrCurr1_Volts_G_f32[0] 1 0030576 CDD_MtrCurr1_Volts_G_f32[1] 2.00305772 $CDD_MtrCurr2TempOffset_Volt_G_f32[0]$ 0.00100000005 CDD_MtrCurr2TempOffset_Volt_G_f32[1] 0.00200000009 CDD_MtrCurr2_Volts_G_f32[0] 1.0030576 CDD_MtrCurr2_Volts_G_f32[1] 2.00305772 CDD_MtrCurrDax_Amp_G_f32[0] -200.003052 $CDD_MtrCurrDax_Amp_G_f32[1]$ 198.003052 CDD_MtrCurrK1_Amps_G_f32[0] -160.003052 CDD_MtrCurrK1_Amps_G_f32[1] 120.003059 CDD_MtrCurrK2_Amps_G_f32[0] -200.003052 CDD_MtrCurrK2_Amps_G_f32[1] 198.003052 CDD_MtrCurrQax_Amp_G_f32[0] -120.003059 CDD_MtrCurrQax_Amp_G_f32[1] 25.0030575 CDD_MtrElecPol_Cnt_G_s8 CDD_Vecu_Volt_G_f32[0] 18.3400002 CDD_Vecu_Volt_G_f32[1] 17.6000004 CmMtrCurr MtrCurr1OffDelta VoltpVoltCnt M f32 0 $CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32$ 6.60000005e-005 MtrPos_CorrectedMtrPos_Rev_G_u0p16 6488 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k MtrCurrOffLoComOff Cnt u16 1100 0.000190000006 $k_MtrPosComputDelay_Sec_f32$ k_NoofPoles_Uls_f32 2.64359784 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 1.5 $tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32$ 65.3499985 117.349998 $tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32$ $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32$ 2.34100008

tgt_tte_mot_oa_oniwaroan.tim_onoanoan	tgt_i iii_oiiouiioui		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0140000004	0.0140000004 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0215148926	0.0215148926 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	0.0367546044	0.0367546044 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.0030576	1.0030576 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	0.841269851	0.841269851 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.0030576	1.0030576 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	0.588522613	0.588522613 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-200.003052	-200.003052	•
CDD_MtrCurrDax_Amp_G_f32[1]	178.322418	178.322418	~
CDD_MtrCurrK1_Amps_G_f32[0]	-160.003052	-160.003052 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	188.108337	188.108337 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-200.003052	-200.003052 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	-59.8777809	-59.8777809 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-120.003059	-120.003059 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	84.6830063	84.6829987 ± 0.03	✓

tgt Pim ShCurrCal

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	•

Test Step 2.15 (Repeat Count = 1)	√
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	801
Adc2_GetPhsCCurr_Cnt_u16_m	590
CDD_ADC2OffsetComp_Cnt_G_u8p8	26624
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0149999997
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.003822

tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal

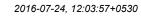
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Name	Input Value		
CDD_DCPhsBComp_Cnt_G_u16p0	705		
CDD_DCPhsCComp_Cnt_G_u16p0	664		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.449997		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	149.449997		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0130000003		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0120000001		
CDD MtrCurr1 Volts G f32[0]	0.00178359996		
CDD_MtrCurr1_Volts_G_f32[1]	2.00178361		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0020000009		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0030000003		
CDD_MtrCurr2_Volts_G_f32[0]	0.00178359996		
CDD_MtrCurr2_Volts_G_f32[1]	1.00178361		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.003311		
CDD_MtrCurrDax_Amp_G_f32[1]	125.003311		
CDD_MtrCurrK1_Amps_G_f32[0]	-140.003311		
CDD_MtrCurrK1_Amps_G_f32[1]	63.0033112		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.003311		
CDD_MtrCurrK2_Amps_G_f32[1]	125.003311		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.003311		
CDD_MtrCurrQax_Amp_G_f32[1]	198.003311		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	19.3500004		
CDD_Vecu_Volt_G_f32[1]	18.6100006		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	5.50000004e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.7000009e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6619		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	1150		
k_MtrPosComputDelay_Sec_f32	0.00019999995		
k_NoofPoles_Uls_f32	3.77883053		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.60000002		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	68.375		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34200001		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0250396729	0.0250396729 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.003822	0.003822 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0462717749	0.0462717786 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	0.85103786	0.85103786 ± 32	
CDD MtrCurr1 Volts G f32[1]	2.00178361	2.00178361 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	0.593406618	0.593406618 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	1.00178361	1.00178361 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	37.1844711	37.1844749	
CDD_MtrCurrDax_Amp_G_f32[1]	125.003311	125.003311	
CDD_MtrCurrK1_Amps_G_f32[0]	38.4295807	38.4295807 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	63.0033112	63.0033112 ± 32	٠,
CDD_MtrCurrK2_Amps_G_f32[0]	-4.91748905	-4.9174881 ± 0.0000152587890625	
CDD_MtrCurrK2_Amps_G_f32[1]	125.003311	125.003311 ± 0.0000152587890625	٠,
CDD_MtrCurrQax_Amp_G_f32[0]	10.8779268	10.8779259 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	198.003311	198.003311 ± 0.03	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.16 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	817	
Adc2_GetPhsCCurr_Cnt_u16_m	602	
CDD_ADC2OffsetComp_Cnt_G_u8p8	28672	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0160000008	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00407679984	
CDD_DCPhsBComp_Cnt_G_u16p0	750	
CDD_DCPhsCComp_Cnt_G_u16p0	698	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.474998	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	147.475006	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0120000001	





Name	Input Value		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0109999999		
CDD_MtrCurr1_Volts_G_f32[0]	2.00356722		
CDD_MtrCurr1_Volts_G_f32[1]	1.00356722		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0030000003		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0040000019		
CDD_MtrCurr2_Volts_G_f32[0]	1.00356722		
CDD_MtrCurr2_Volts_G_f32[1]	2.00356722		
CDD_MtrCurrDax_Amp_G_f32[0]	-160.003571		
CDD_MtrCurrDax_Amp_G_f32[1]	120.003571		
CDD_MtrCurrK1_Amps_G_f32[0]	-120.003571		
CDD_MtrCurrK1_Amps_G_f32[1]	25.0035667		
CDD_MtrCurrK2_Amps_G_f32[0]	-160.003571		
CDD_MtrCurrK2_Amps_G_f32[1]	120.003571		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.003571		
CDD_MtrCurrQax_Amp_G_f32[1]	125.003571		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	20.3600006		
CDD_Vecu_Volt_G_f32[1]	19.6200008		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	5.60000008e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.80000012e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6750		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	1200		
k_MtrPosComputDelay_Sec_f32	2.4999994e-005		
k_NoofPoles_Uls_f32	2.70328236		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.70000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	69.4000015		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34299994		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD CorrMtrPosElec Rev G f32[0]	0.0160000008	0.0160000008 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0204620361	0.0204620361 ± 0.0000152587890625	✓
CDD ElecPosDelayComp Rad G f32	0.00498333247	0.00498333201 ± 0.0000152587890625	-
CDD MtrCurr1 Volts G f32[0]	2.00356722	2.00356722 ± 32	•
CDD MtrCurr1 Volts G f32[1]	0.860805869	0.860805869 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	1.00356722	1.00356722 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	0.598290622	0.598290622 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-160.003571	-160.003571	~
CDD_MtrCurrDax_Amp_G_f32[1]	152.193207	152.193222	
CDD_MtrCurrK1_Amps_G_f32[0]	-120.003571	-120.003571 ± 32	✓
CDD MtrCurrK1 Amps G f32[1]	162.740738	162.740753 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-160.003571	-160.003571 ± 0.0000152587890625	✓
CDD_MtrCurrK2_Amps_G_f32[1]	-71.7897491	-71.7897644 ± 0.0000152587890625	
CDD MtrCurrQax Amp G f32[0]	-180.003571	-180.003571 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	92.0626984	92.0627213 ± 0.03	

Tes	t Step Call Trace					
Actu	ual Function	Count	Expected Function	Count	Resu	lt
none	e	0	*** No Call Expected ***	0		

Test Step 2.17 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	833
Adc2_GetPhsCCurr_Cnt_u16_m	614
CDD_ADC2OffsetComp_Cnt_G_u8p8	30720
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0170000009
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00433159992
CDD_DCPhsBComp_Cnt_G_u16p0	795
CDD_DCPhsCComp_Cnt_G_u16p0	732
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.5
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	150.5
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0109999999
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00100000005
CDD_MtrCurr1_Volts_G_f32[0]	0.003822
CDD_MtrCurr1_Volts_G_f32[1]	2.00382209
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00400000019
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00499999989

2016-07-24, 12:03:57+0530



CurrDQPer1 Input Value CDD_MtrCurr2_Volts_G_f32[0] 0.003822 CDD_MtrCurr2_Volts_G_f32[1] 1.00382197 CDD_MtrCurrDax_Amp_G_f32[0] -140.003815 CDD_MtrCurrDax_Amp_G_f32[1] 63.0038223 CDD_MtrCurrK1_Amps_G_f32[0] -200.003815 CDD_MtrCurrK1_Amps_G_f32[1] 198.003815 CDD_MtrCurrK2_Amps_G_f32[0] -140.003815 CDD_MtrCurrK2_Amps_G_f32[1] 63.0038223 CDD_MtrCurrQax_Amp_G_f32[0] -160.003815 $CDD_MtrCurrQax_Amp_G_f32[1]$ 120.003822 CDD_MtrElecPol_Cnt_G_s8 CDD_Vecu_Volt_G_f32[0] 21.3700008 CDD_Vecu_Volt_G_f32[1] 20.6299992 CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32 5.70000011e-005 CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 6.90000015e-005 MtrPos_CorrectedMtrPos_Rev_G_u0p16 6881 tgt_Rte_Inst_Sa_CmMtrCurr Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 1250 $k_MtrPosComputDelay_Sec_f32$ 2.59999997e-005 k_NoofPoles_Uls_f32 3.26873398 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32$ 1.79999995 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 70.4250031 $tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32$ 65.4250031 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.3440001

tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0224914551	0.0224914551 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00433159992	0.00433159992 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	0.00520545896	0.00520545896 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	0.870573878	0.870573878 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	2.00382209	2.00382209 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.603174627	0.603174627 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	1.00382197	1.00382197 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	85.5353699	85.5353699	~
CDD_MtrCurrDax_Amp_G_f32[1]	63.0038223	63.0038223	~
CDD_MtrCurrK1_Amps_G_f32[0]	90.5048904	90.5048904 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	198.003815	198.003815 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-28.8772049	-28.8771954 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	63.0038223	63.0038223 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	41.3367729	41.3367653 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	120.003822	120.003822 ± 0.03	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.18 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	849	
Adc2_GetPhsCCurr_Cnt_u16_m	626	
CDD_ADC2OffsetComp_Cnt_G_u8p8	32768	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0179999992	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0045864	
CDD_DCPhsBComp_Cnt_G_u16p0	840	
CDD_DCPhsCComp_Cnt_G_u16p0	766	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1118	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-1118	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00100000005	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00899999961	
CDD_MtrCurr1_Volts_G_f32[0]	4.00407696	
CDD_MtrCurr1_Volts_G_f32[1]	2.00407672	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0049999989	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00600000005	
CDD_MtrCurr2_Volts_G_f32[0]	4.00407696	
CDD_MtrCurr2_Volts_G_f32[1]	2.00407672	
CDD_MtrCurrDax_Amp_G_f32[0]	-120.004074	
CDD_MtrCurrDax_Amp_G_f32[1]	25.004076	
CDD_MtrCurrK1_Amps_G_f32[0]	-180.004074	

CurrDQPer1

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_MtrCurrK1_Amps_G_f32[1]	125.004074		
CDD_MtrCurrK2_Amps_G_f32[0]	-120.004074		
CDD_MtrCurrK2_Amps_G_f32[1]	25.004076		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.004074		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0040779		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	22.3799992		
CDD_Vecu_Volt_G_f32[1]	21.6399994		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	5.80000014e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7012		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	1300		
k_MtrPosComputDelay_Sec_f32	2.7e-005		
k_NoofPoles_Uls_f32	4.37541151		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.89999998		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	71.4499969		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	21.4500008		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34500003		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0179999992	0.0179999992 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0131530762	0.0131530762 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	-0.066038087	-0.066038087 ± 0.0000152587890625	✓
CDD_MtrCurr1_Volts_G_f32[0]	4.00407696	4.00407696 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	0.880341887	0.880341887 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	4.00407696	4.00407696 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.608058631	0.608058631 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	-120.004074	-120.004074	✓
CDD_MtrCurrDax_Amp_G_f32[1]	60.8762016	60.8762093	✓
CDD_MtrCurrK1_Amps_G_f32[0]	-180.004074	-180.004074 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	61.7093887	61.7093964 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-120.004074	-120.004074 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	-7.54180527	-7.54180765 ± 0.0000152587890625	✓
CDD_MtrCurrQax_Amp_G_f32[0]	-140.004074	-140.004074 ± 0.03	✓

Test Step Call Trace			✓		
Actu	al Function	Count	Expected Function	Count	Result
none	e	0	*** No Call Expected ***	0	~

12.6101246

12.6101274 ± 0.03

Test Step 2.19 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	865
Adc2_GetPhsCCurr_Cnt_u16_m	638
CDD_ADC2OffsetComp_Cnt_G_u8p8	34816
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0189999994
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00484120008
CDD_DCPhsBComp_Cnt_G_u16p0	0
CDD_DCPhsCComp_Cnt_G_u16p0	800
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1118
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1118
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00899999961
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00800000038
CDD_MtrCurr1_Volts_G_f32[0]	2.00433159
CDD_MtrCurr1_Volts_G_f32[1]	1.00433159
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00600000005
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00700000022
CDD_MtrCurr2_Volts_G_f32[0]	2.00433159
CDD_MtrCurr2_Volts_G_f32[1]	1.00433159
CDD_MtrCurrDax_Amp_G_f32[0]	-200.004333
CDD_MtrCurrDax_Amp_G_f32[1]	198.004333
CDD_MtrCurrK1_Amps_G_f32[0]	-160.004333
CDD_MtrCurrK1_Amps_G_f32[1]	120.004333
CDD_MtrCurrK2_Amps_G_f32[0]	-200.004333
CDD_MtrCurrK2_Amps_G_f32[1]	198.004333
CDD_MtrCurrQax_Amp_G_f32[0]	-120.004333
CDD_MtrCurrQax_Amp_G_f32[1]	25.0043316

CDD_MtrCurrK2_Amps_G_f32[1]

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



 $198.004333 \pm 0.0000152587890625$

10.5543671 ± 0.03

25.0043316 ± 0.03

CurrDQPer1	2010-07-24, 12.03.37+0330	RAZO	rcat
Name	Input Value		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	23.3899994		
CDD_Vecu_Volt_G_f32[1]	22.6499996		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	5.9000018e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.0999998e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7143		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	1350		
k_MtrPosComputDelay_Sec_f32	2.80000004e-005		
k_NoofPoles_Uls_f32	2.92172194		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	72.4749985		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	23.4750004		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34599996		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0329437256	0.0329437256 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00484120008	0.00484120008 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.045730792	0.045730792 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	0.890109897	0.890109897 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	1.00433159	1.00433159 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.612942636	0.612942636 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	1.00433159	1.00433159 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	48.9110107	48.9110069	✓
CDD_MtrCurrDax_Amp_G_f32[1]	198.004333	198.004333	~
CDD_MtrCurrK1_Amps_G_f32[0]	50.0360336	50.0360336 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	120.004333	120.004333 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-0.277046263	-0.277046263 ± 0.0000152587890625	✓
ODD AN O KO A O MONE	400.004000	100 00 1000 : 0 0000 1 50 50 7000 05	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

198.004333

10.554368

Test Step 2.20 (Repeat Count = 1)	•
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	881
Adc2_GetPhsCCurr_Cnt_u16_m	650
CDD_ADC2OffsetComp_Cnt_G_u8p8	36864
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.019999996
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00509600015
CDD_DCPhsBComp_Cnt_G_u16p0	7150
CDD_DCPhsCComp_Cnt_G_u16p0	834
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	0
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	0
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00800000038
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00700000022
CDD_MtrCurr1_Volts_G_f32[0]	2.00458646
CDD_MtrCurr1_Volts_G_f32[1]	1.00458646
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0250000004
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0240000002
CDD_MtrCurr2_Volts_G_f32[0]	1.00458646
CDD_MtrCurr2_Volts_G_f32[1]	2.00458646
CDD_MtrCurrDax_Amp_G_f32[0]	-180.004593
CDD_MtrCurrDax_Amp_G_f32[1]	125.004585
CDD_MtrCurrK1_Amps_G_f32[0]	-140.004593
CDD_MtrCurrK1_Amps_G_f32[1]	63.0045853
CDD_MtrCurrK2_Amps_G_f32[0]	-180.004593
CDD_MtrCurrK2_Amps_G_f32[1]	125.004585
CDD_MtrCurrQax_Amp_G_f32[0]	-200.004593
CDD_MtrCurrQax_Amp_G_f32[1]	198.004593
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	24.3999996
CDD_Vecu_Volt_G_f32[1]	23.6599998
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	5.9999985e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.20000002e-005

CurrDQPer1

CDD_MtrCurrK2_Amps_G_f32[0]

CDD_MtrCurrK2_Amps_G_f32[1]

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



-180.004593 ± 0.0000152587890625

-52.634388 ± 0.0000152587890625

-200.004593 ± 0.03

77.5134048 ± 0.03

Name Input Value MtrPos_CorrectedMtrPos_Rev_G_u0p16 7274 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k MtrCurrOffLoComOff_Cnt_u16 1400 k_MtrPosComputDelay_Sec_f32 2.90000007e-005 k NoofPoles Uls f32 5.49470711 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32$ 2.0999999 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 73.5 $tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32$ 25.5 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.34699988 $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal$ tgt_Pim_ShCurrCal **Actual Value** Name **Expected Value** Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0199999996 0.0199999996 ± 0.0000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0276641846 0.0276641846 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0 ± 0.0000152587890625 2.00458646 CDD_MtrCurr1_Volts_G_f32[0] 2.00458646 ± 32 CDD_MtrCurr1_Volts_G_f32[1] 0.899877906 0.899877906 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 1.00458646 1.00458646 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 0.617826641 0.617826641 ± 32 **> > > >** CDD_MtrCurrDax_Amp_G_f32[0] -180.004593 -180.004593 $CDD_MtrCurrDax_Amp_G_f32[1]$ 137.101196 137.101212 CDD_MtrCurrK1_Amps_G_f32[0] -140.004593 ± 32 -140.004593 CDD_MtrCurrK1_Amps_G_f32[1] 148.440857 148.440857 ± 32

Test Step Call Trace						
Actual Fu	nction	Count	Expected Function	Count	Resu	lt
none		0	*** No Call Expected ***	0		

-180.004593

-52.6343918

-200.004593

Test Step 2.21 (Repeat Count = 1)	✓
Name	Input Value
Adc2 GetPhsBCurr Cnt u16 m	897
Adc2 GetPhsCCurr Cnt u16 m	662
CDD_ADC2OffsetComp_Cnt_G_u8p8	38912
CDD AppDataFwdPthAccessBfr Cnt G u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD CorrMtrPosElec Rev G f32[0]	0.0209999997
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00535080023
CDD_DCPhsBComp_Cnt_G_u16p0	370
CDD_DCPhsCComp_Cnt_G_u16p0	868
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	255.524994
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	255.524994
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00700000022
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00600000005
CDD_MtrCurr1_Volts_G_f32[0]	0.00484120008
CDD_MtrCurr1_Volts_G_f32[1]	4.00484133
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0240000002
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.023
CDD_MtrCurr2_Volts_G_f32[0]	0.00484120008
CDD_MtrCurr2_Volts_G_f32[1]	4.00484133
CDD_MtrCurrDax_Amp_G_f32[0]	-160.004837
CDD_MtrCurrDax_Amp_G_f32[1]	120.004845
CDD_MtrCurrK1_Amps_G_f32[0]	-120.004845
CDD_MtrCurrK1_Amps_G_f32[1]	25.0048409
CDD_MtrCurrK2_Amps_G_f32[0]	-160.004837
CDD_MtrCurrK2_Amps_G_f32[1]	120.004845
CDD_MtrCurrQax_Amp_G_f32[0]	-180.004837
CDD_MtrCurrQax_Amp_G_f32[1]	125.004845
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	25.4099998
CDD_Vecu_Volt_G_f32[1]	24.6700001
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.09999988e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.30000005e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7406
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	1450
k_MtrPosComputDelay_Sec_f32	2.7e-005
k_NoofPoles_Uls_f32	3.68196774

CurrDQPer1

CDD_MtrCurrK2_Amps_G_f32[0]

CDD_MtrCurrK2_Amps_G_f32[1]

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



-9.90625858 ± 0.0000152587890625

120.004845 ± 0.0000152587890625

 15.4038019 ± 0.03

125.004845 ± 0.03

Input Value $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32$ 1.89999998 $tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32$ 71.5250015 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 21.5249996 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32$ 2.34500003 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Result **Actual Value Expected Value** CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0316925049 $0.0316925049 \pm 0.0000152587890625$ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.00535080023 0.00535080023 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0.0127012692 $0.0127012692 \pm 0.0000152587890625$ CDD_MtrCurr1_Volts_G_f32[0] 0.909645915 0.909645915 ± 32 CDD_MtrCurr1_Volts_G_f32[1] 4 00484133 4 00484133 + 32 CDD_MtrCurr2_Volts_G_f32[0] 0.622710645 0.622710645 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 4.00484133 4.00484133 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] 26.2523613 26.2523632 CDD_MtrCurrDax_Amp_G_f32[1] 120 004845 120 004845 CDD_MtrCurrK1_Amps_G_f32[0] 28.7807159 28.7807178 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 25.0048409 ± 32 25.0048409

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

-9.9062624

120.004845

15.4038048





Test Step 2.22 (Repeat Count = 1) Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	913	
	674	
Adc2_GetPhsCCurr_Cnt_u16_m CDD_ADC2OffsetComp_Cnt_G_u8p8	40960	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
	1	
CDD_CDDDataAccessBfr_Cnt_G_u16		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0219999999	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00560559984	
CDD_DCPhsBComp_Cnt_G_u16p0	12	
CDD_DCPhsCComp_Cnt_G_u16p0	0	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-625.549988	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-625.549988	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00600000005	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00499999989	
CDD_MtrCurr1_Volts_G_f32[0]	1.00509596	
CDD_MtrCurr1_Volts_G_f32[1]	2.00509596	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.023	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219999999	
CDD_MtrCurr2_Volts_G_f32[0]	1.00509596	
CDD_MtrCurr2_Volts_G_f32[1]	2.00509596	
CDD_MtrCurrDax_Amp_G_f32[0]	-140.005096	
CDD_MtrCurrDax_Amp_G_f32[1]	63.0050964	
CDD_MtrCurrK1_Amps_G_f32[0]	-200.005096	
CDD_MtrCurrK1_Amps_G_f32[1]	198.005096	
CDD_MtrCurrK2_Amps_G_f32[0]	-140.005096	
CDD_MtrCurrK2_Amps_G_f32[1]	63.0050964	
CDD_MtrCurrQax_Amp_G_f32[0]	-160.005096	
CDD_MtrCurrQax_Amp_G_f32[1]	120.005096	
CDD_MtrElecPol_Cnt_G_s8	-1	
CDD_Vecu_Volt_G_f32[0]	26.4200001	
CDD_Vecu_Volt_G_f32[1]	25.6800003	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.19999992e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.40000008e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7537	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_MtrCurrOffLoComOff_Cnt_u16	1500	
<pre>c_MtrPosComputDelay_Sec_f32</pre>	2.90000007e-005	
<_NoofPoles_Uls_f32	3.42960882	
gt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.0999999	
gt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	73.5500031	
gt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	25.5499992	
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34699988	
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt Pim ShCurrCal	
Name	Actual Value Expected Value	Res
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0219999999 ± 0.0000152587890	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.193389893	
CDD_ElecPosDelayComp_Rad_G_f32	-0.0311081819 -0.0311081819 ± 0.000015258789	0020
CDD_MtrCurr1_Volts_G_f32[0]	1.00509596 1.00509596 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	0.919413924 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	1.00509596 1.00509596 ± 32	
CDD_MtrCurr2_Volts_G_f32[1]	0.62759465 0.62759465 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-140.005096 -140.005096	
CDD_MtrCurrDax_Amp_G_f32[1]	34.9444885 34.9444923	
CDD_MtrCurrK1_Amps_G_f32[0]	-200.005096 -200.005096 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	-69.2534943 -69.2535019 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-140.005096 -140.005096 ± 0.00001525878906	
CDD_MtrCurrK2_Amps_G_f32[1]	63.0049934 63.0050011 ± 0.000015258789062	5
CDD_MtrCurrQax_Amp_G_f32[0]	-160.005096 -160.005096 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	-86.8594208 -86.8594284 ± 0.03	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.23 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	929	
Adc2_GetPhsCCurr_Cnt_u16_m	686	
CDD_ADC2OffsetComp_Cnt_G_u8p8	43008	

2016-07-24, 12:03:57+0530

Input Value





Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.023		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00586039992		
CDD_DCPhsBComp_Cnt_G_u16p0	1		
CDD_DCPhsCComp_Cnt_G_u16p0	7150		
CDD MRFMtrVel MtrRadpS G f32[0]	-52.5750008		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	65.5749969		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00499999989		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00400000019		
CDD_MtrCurr1_Volts_G_f32[0]	2.00535083		
CDD_MtrCurr1_Volts_G_f32[1]	1.00535083		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999		
CDD MtrCurr2TempOffset Volt G f32[1]	-0.0209999997		
CDD_MtrCurr2_Volts_G_f32[0]	2.00535083		
CDD_MtrCurr2_Volts_G_f32[1]	1.00535083		
CDD_MtrCurrDax_Amp_G_f32[0]	-120.005348		
CDD_MtrCurrDax_Amp_G_f32[1]	25.0053501		
CDD_MtrCurrK1_Amps_G_f32[0]	-180.005356		
CDD_MtrCurrK1_Amps_G_f32[1]	125.005348		
CDD_MtrCurrK2_Amps_G_f32[0]	-120.005348		
CDD_MtrCurrK2_Amps_G_f32[1]	25.0053501		
	-140.005356		
CDD_MtrCurrQax_Amp_G_f32[0] CDD_MtrCurrQax_Amp_G_f32[1]	63.005352		
CDD_MtrCurrQax_Amp_G_f32[1]	-1		
CDD_MtrElecPol_Cnt_G_s8			
CDD_Vecu_Volt_G_f32[0]	27.4300003		
CDD_Vecu_Volt_G_f32[1]	26.6900005		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.2999995e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.49999994e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7668		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	510		
k_MtrPosComputDelay_Sec_f32	2.9999992e-005		
k_NoofPoles_Uls_f32	2.55424547		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.20000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.5749969		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	27.5750008		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34800005		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.200012207	0.200012207 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00586039992	0.00586039992 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00201434176	-0.00201434176 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	0.929181933	0.929181933 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	1.00535083	1.00535083 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	0.632478654	0.632478654 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	1.00535083	1.00535083 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	-196.369232	-196.369263	•
CDD_MtrCurrDax_Amp_G_f32[1]	25.0053501	25.0053501	
CDD_MtrCurrK1_Amps_G_f32[0]	987.184387	987.184387 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	125.005348	125.005348 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-527.141663	-527.141663 ± 0.0000152587890625	•
CDD MtrCurrK2 Amps G f32[1]	25.0053501	25.0053501 ± 0.0000152587890625	
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	
	63.005352	63.005352 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]			

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.24 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	945	
Adc2_GetPhsCCurr_Cnt_u16_m	698	
CDD_ADC2OffsetComp_Cnt_G_u8p8	45056	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0240000002	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0061152	
CDD_DCPhsBComp_Cnt_G_u16p0	100	

2016-07-24, 12:03:57+0530



Injust Value	CurrDQPer1		TOAC!	COLO	
CDD_MRFANYeLWELMFAMPS_G_012(1)	Name	Input Value			
CDD_MRFNAVe_MRFNAVe_BC_2320]	CDD_DCPhsCComp_Cnt_G_u16p0	370			
CDD_MicCurt TempOffined_Volt_G_152(1)	CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.5999985			
CDD_MicrartTempOffinet_Votal_c_152[1]	CDD_MRFMtrVel_MtrRadpS_G_f32[1]	72.5999985			
CDD_MicrartTempOffinet_Votal_c_152[1]		-0.0040000019			
DD_MicCurt_Vois_G_123[0]		-0.0030000003			
CDD_MicCurtPromOffiest_Voil_G_B2[1]		2.0056057			
CDD_MCurz/TempOffset, Vol. G_B2(1)		4.0056057			
DD_Mircurr2_Volls_G_12[0]	CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0209999997			
CDD_MrCurr2_Volts_G_122[1]	CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0199999996			
CDD_MitCurrDax_Amp_G_[32I] 198.0056	CDD_MtrCurr2_Volts_G_f32[0]	1.00560558			
DD MrCurrDax_Amp_G_f32[1]	CDD_MtrCurr2_Volts_G_f32[1]	4.0056057			
CDD_MtrCurrK_Amps_G_f32[0]	CDD_MtrCurrDax_Amp_G_f32[0]	-200.0056			
CDD_MtrCurk1_Amps_G_132[1]	CDD_MtrCurrDax_Amp_G_f32[1]	198.0056			
DDD MrtCurrK1, Amps. G, 132[1] 120.00568 200.0056 200.0056 200.0056 200.0056 200.0056 200.0056 200.0056 200.0056 200.0056 200.0056 200.0056 200.0056 200.0056 200.0056 200.0056 200.00568 200.000568 200.00568		-160.0056			
CDD_MtrCurrK2_Amps_G_132[1]		120.005608			
DDD_MtrCurr(22_Amps_G_132[1] 198.0056 CDD_MtrCurr(32_Amp_G_132[1] 22.005608 -120.005608		-200.0056			
CDD_MtrCurrQax_Amp_G_G32[0]		198.0056			
CDD MirCurrQax Amp G f32[1] 25.0056057		-120.005608			
CDD MirElecPol_Cnt_G_S8		25.0056057			
CDD_vecu_Volt_G_[32[1] 30.7299995 CmMtrCurr_MtrCurrOffDetta_VoltpVoltCnt_M_f32 6.3999998e-005 CmMtrCurr_MtrCurrOffDetta_VoltpVoltCnt_M_f32 2.5999998e-005 MtrPos_CorrectedMtrPos_Rev_G_u0p16 7799 Rte_Inst_Sa_CmMtrCurr tgl_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cn_u16 520 k_MtrPos_CorrectedMtrPos_Rev_G_u0p16 799 R_MtrPos_CorrectedMtrPos_Rev_G_u0p16 799 R_MtrCurrOffLoComOff_Cn_u16 520 k_MtrPos_CorrectedMtrPos_Rev_G_u0p16 799 k_MtrCurrOffLoComOff_Cn_u16 520 k_NotiPoles_Uls_f32 4.0159836 tgl_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 2.9999995 tgl_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 2.98999995 tgl_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 2.98999995 tgl_Rte_Inst_Sa_CmMtrCurrPim_ShCurrCal tgl_Pim_ShCurrCal tgl_Pim_ShCurr		1			
CDD_vecu_Volt_G_[32[1] 30.7299995 CmMtrCurr_MtrCurrOffDetta_VoltpVoltCnt_M_f32 6.3999998e-005 CmMtrCurr_MtrCurrOffDetta_VoltpVoltCnt_M_f32 2.5999998e-005 MtrPos_CorrectedMtrPos_Rev_G_u0p16 7799 Rte_Inst_Sa_CmMtrCurr tgl_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cn_u16 520 k_MtrPos_CorrectedMtrPos_Rev_G_u0p16 799 R_MtrPos_CorrectedMtrPos_Rev_G_u0p16 799 R_MtrCurrOffLoComOff_Cn_u16 520 k_MtrPos_CorrectedMtrPos_Rev_G_u0p16 799 k_MtrCurrOffLoComOff_Cn_u16 520 k_NotiPoles_Uls_f32 4.0159836 tgl_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 2.9999995 tgl_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 2.98999995 tgl_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 2.98999995 tgl_Rte_Inst_Sa_CmMtrCurrPim_ShCurrCal tgl_Pim_ShCurrCal tgl_Pim_ShCurr	CDD Vecu Volt G f32[0]	31			
CmMtrCurr_MtrCurr10ffDelta_VoltpVoltCnt_M_f32 2.59999978-005		30.7299995			
MitrPos_CorrectedMtrPos_Rev_G_u0p16 7799 Rite_Inst_Sa_CmMitrCurr 15_Rite_Inst_Sa_CmMitrCurr 15_Rite_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Inst_Sa_Rite_Inst_Inst_Inst_Inst_Sa_Rite_Inst_Inst_Inst		6.3999998e-005			
MitrPos_CorrectedMtrPos_Rev_G_u0p16 7799 Rite_Inst_Sa_CmMitrCurr 15_Rite_Inst_Sa_CmMitrCurr 15_Rite_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Inst_Sa_Rite_Inst_Inst_Sa_Rite_Inst_Inst_Inst_Sa_Rite_Inst_Inst_Inst_Inst_Sa_Rite_Inst_Inst_Inst	CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	2.59999997e-005			
k_MtrCurrOffLoComOff_Cnt_u16 520 k_MtrPosComputDelay_Sec_f32 3.09999996e-005 k_NoofFoles_UIs_f32 4.01599836 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.29999995 tgt_Pim_ShCurrCal.EOLMtrCurr2OfisetLo_Volts_f32 2.5599985 tgt_Pim_ShCurrCal.EOLMthCurr2OffsetLo_Volts_f32 2.3489998 tgt_Pim_ShCurrCal.EOLMthCurr2OffsetLo_Volts_f32 2.3489998 tgt_Rel_inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0240000002 0.0240000002 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0363922119 0.0363922119 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0363922119 0.0363922119 ± 0.0000152587890625 ✓ CDD_MtrCurr_Volts_G_f32[1] 0.0363922119 0.0451920275 ± 0.000152587890625 ✓ CDD_MtrCurr_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 ✓ CDD_MtrCurr_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 ✓ CDD_MtrCurr_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 ✓	MtrPos_CorrectedMtrPos_Rev_G_u0p16	7799			
k_MtrPosComputDelay_Sec_132 3.0999996e-005 k_NoofPoles_Uls_f32 4.01599836 tgt_Pim_ShCurrCal_EOLMtrCurr1OffsetLo_Volts_f32 2.29999995 tgt_Pim_ShCurrCal_EOLPhscurr1Gain_AmpspVolt_f32 75.5999985 tgt_Pim_ShCurrCal_EOLPhscurr2Gain_AmpspVolt_f32 29.6000004 tgt_Pim_ShCurrCal_EOLMtrCurr2OffsetLo_Volts_f32 2.34899998 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0240000002 0.0240000002 ± 0.0000152587890625 ✓ CDD_EleoPosDelayComp_Rad_G_f32 0.00451920275 0.00451920275 ± 0.0000152587890625 ✓ CDD_MtrCurr1_Volts_G_f32[0] 2.0056057 2.0056057 ± 32 ✓ CDD_MtrCurr1_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 ✓ CDD_MtrCurrA_Amp_G_f32[0] -200.0056 -200.0056 -200.0056 ✓ CDD_MtrCurrK1_Amps_G_f32[1] 122.633293 <td>Rte_Inst_Sa_CmMtrCurr</td> <td>tgt_Rte_Inst_Sa_CmMtrCurr</td> <td></td> <td></td>	Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
K_NoofPoles_Uls_732	k_MtrCurrOffLoComOff_Cnt_u16	520			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.29999995 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 75.5999885 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 29.6000004 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.3489998 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0240000002 0.0240000002 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0363922119 0.0363922119 ± 0.0000152587890625 ✓ CDD_IntrCurr1_Volts_G_f32[1] 0.0451920275 0.00451920275 ± 0.0000152587890625 ✓ CDD_MtrCurr1_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 ✓ CDD_MtrCurr1_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 ✓ CDD_MtrCurrA_Amp_G_f32[1] 122.633293 122.633301 ✓ <td colspan<="" td=""><td>k_MtrPosComputDelay_Sec_f32</td><td>3.0999996e-005</td><td></td><td></td></td>	<td>k_MtrPosComputDelay_Sec_f32</td> <td>3.0999996e-005</td> <td></td> <td></td>	k_MtrPosComputDelay_Sec_f32	3.0999996e-005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 75.5999985 tgt_Pim_ShCurrCal.EOLMrtCurr2Offsett_o_Volts_f32 29.6000004 tgt_Pim_ShCurrCal.EOLMrtCurr.Poffsett_o_Volts_f32 2.34899998 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0240000002 0.0240000002 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0363922119 0.0363922119 ± 0.0000152587890625 ✓ CDD_ElecPosDelayComp_Rad_G_f32 0.00451920275 0.00451920275 ± 0.0000152587890625 ✓ CDD_MtrCurr1_Volts_G_f32[0] 2.0056067 2.0056057 ± 32 ✓ CDD_MtrCurr1_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[0] 1.00560558 1.00560558 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 ✓ CDD_MtrCurrA_Amp_G_f32[0] -200.0056 -200.0056 CDD_MtrCurrA_Amp_G_f32[1] 122.633293 122.633301 ✓ CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 ✓ CDD_MtrCurrK2_Amps_G_f32[0] -20	k_NoofPoles_Uls_f32	4.01599836			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 29.6000004 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.34899998 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0240000002 0.0240000002 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0363922119 0.0363922119 ± 0.0000152587890625 ✓ CDD_ElecPosDelayComp_Rad_G_f32 0.00451920275 0.00451920275 ± 0.0000152587890625 ✓ CDD_MtrCurr1_Volts_G_f32[0] 2.0056057 2.0056057 ± 32 ✓ CDD_MtrCurr1_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[0] 1.00560558 1.00560558 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 ✓ CDD_MtrCurrA_Amp_G_f32[0] -200.0056 -200.0056 ✓ CDD_MtrCurrNA_Amp_G_f32[1] 122.633293 122.633301 ✓ CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 ✓ CDD_MtrCurrK2_Amps_G_f32[0] -200.0056	tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.2999995			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.34899998 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0240000002 0.0240000002 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0363922119 0.0363922119 ± 0.0000152587890625 ✓ CDD_ElecPosDelayComp_Rad_G_f32 0.00451920275 0.00451920275 ± 0.0000152587890625 ✓ CDD_MtrCurr1_Volts_G_f32[0] 2.0056057 2.0056057 ± 32 ✓ CDD_MtrCurr1_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[0] 1.00560558 1.00560558 ± 32 ✓ CDD_MtrCurrDax_Amp_G_f32[0] -200.0056 -200.0056 ✓ CDD_MtrCurrDax_Amp_G_f32[1] 122.633293 122.633301 ✓ CDD_MtrCurrRAx_Amp_G_f32[0] -160.0056 -160.0056 ± 32 ✓ CDD_MtrCurrK2_Amps_G_f32[1] 120.505508 120.505524 ± 32 ✓ CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 ✓ CDD_MtrCurrQax_A	tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	75.5999985			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0240000002 0.0240000002 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0363922119 0.0363922119 ± 0.0000152587890625 ✓ CDD_ElecPosDelayComp_Rad_G_f32 0.00451920275 0.00451920275 ± 0.0000152587890625 ✓ CDD_MtrCurr1_Volts_G_f32[0] 2.0056057 2.0056057 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[0] 1.00560558 1.00560558 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 ✓ CDD_MtrCurrDax_Amp_G_f32[0] -200.0056 -200.0056 ✓ CDD_MtrCurrDax_Amp_G_f32[0] -160.0056 -160.0056 ± 32 ✓ CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 0.0000152587890625 ✓ CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 ✓ CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 <td>tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32</td> <td>29.6000004</td> <td></td> <td></td>	tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	29.6000004			
Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0240000002 0.0240000002 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0363922119 0.0363922119 ± 0.0000152587890625 ✓ CDD_ElecPosDelayComp_Rad_G_f32 0.00451920275 0.00451920275 ± 0.0000152587890625 ✓ CDD_MtrCurr1_Volts_G_f32[0] 2.0056057 2.0056057 ± 32 ✓ CDD_MtrCurr1_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[0] 1.00560558 1.00560558 ± 32 ✓ CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 ✓ CDD_MtrCurrDax_Amp_G_f32[0] -200.0056 -200.0056 ✓ CDD_MtrCurrDax_Amp_G_f32[1] 122.633293 122.633301 ✓ CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 ✓ CDD_MtrCurrK2_Amps_G_f32[1] 120.505508 120.505524 ± 32 ✓ CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 ✓ CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000	tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34899998			
CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0240000002 0.0240000002 ± 0.000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0363922119 0.0363922119 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0.00451920275 0.00451920275 ± 0.0000152587890625 CDD_MtrCurr1_Volts_G_f32[0] 2.0056057 2.0056057 ± 32 CDD_MtrCurr1_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 1.00560558 1.00560558 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] -200.0056 -200.0056 CDD_MtrCurrDax_Amp_G_f32[1] 122.633293 122.633301 CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 120.505508 120.505524 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03	tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
CDD_CorrMtrPosElec_Rev_G_{32[1]} CDD_ElecPosDelayComp_Rad_G_f32 CDD_MtrCurr1_Volts_G_{32[0]} CDD_MtrCurr2_Volts_G_{32[1]} CDD_MtrCurr2_Volts_G_{32[1]} CDD_MtrCurr2_Volts_G_{32[0]} CDD_MtrCurr2_Volts_G_{32[0]} CDD_MtrCurr2_Volts_G_{32[0]} CDD_MtrCurr2_Volts_G_{32[0]} CDD_MtrCurr2_Volts_G_{32[0]} CDD_MtrCurr2_Volts_G_{32[0]} CDD_MtrCurr2_Volts_G_{32[0]} CDD_MtrCurr2_Volts_G_{32[0]} CDD_MtrCurr2_Volts_G_{32[0]} CDD_MtrCurrDax_Amp_G_{32[0]} CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrN4_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[0] CDD_MtrCurrX2_Amps_G_f32[0]	Name	Actual Value	Expected Value	Result	
CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0363922119 0.0363922119 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0.00451920275 0.00451920275 ± 0.0000152587890625 CDD_MtrCurr1_Volts_G_f32[0] 2.0056057 2.0056057 ± 32 CDD_MtrCurr1_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 1.00560558 1.00560558 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] -200.0056 -200.0056 CDD_MtrCurrDax_Amp_G_f32[1] 122.633293 122.633301 CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 120.505508 120.505524 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03	CDD CorrMtrPosElec Rev G f32[0]	0.024000002	0.0240000002 ± 0.0000152587890625	~	
CDD_ElecPosDelayComp_Rad_G_f32 0.00451920275 0.00451920275 ± 0.0000152587890625 CDD_MtrCurr1_Volts_G_f32[0] 2.0056057 2.0056057 ± 32 CDD_MtrCurr1_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 1.00560558 1.00560558 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] -200.0056 -200.0056 CDD_MtrCurrDax_Amp_G_f32[1] 122.633293 122.633301 CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 120.505508 120.505524 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03		0.0363922119	0.0363922119 ± 0.0000152587890625	✓	
CDD_MtrCurr1_Volts_G_f32[0] 2.0056057 2.0056057 ± 32 CDD_MtrCurr1_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 1.00560558 1.00560558 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] -200.0056 -200.0056 CDD_MtrCurrDax_Amp_G_f32[1] 122.633293 122.633301 CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 120.505508 120.505524 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03		0.00451920275	0.00451920275 ± 0.0000152587890625	~	
CDD_MtrCurr1_Volts_G_f32[1] 0.938950002 0.938950002 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 1.00560558 1.00560558 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] -200.0056 -200.0056 CDD_MtrCurrDax_Amp_G_f32[1] 122.633293 122.633301 CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 120.505508 120.505524 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03			2.0056057 ± 32	✓	
CDD_MtrCurr2_Volts_G_f32[0] 1.00560558 1.00560558 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] -200.0056 -200.0056 CDD_MtrCurrDax_Amp_G_f32[1] 122.633293 122.633301 CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 120.505508 120.505524 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03		0.938950002	0.938950002 ± 32	~	
CDD_MtrCurr2_Volts_G_f32[1] 0.637362659 0.637362659 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] -200.0056 -200.0056 CDD_MtrCurrDax_Amp_G_f32[1] 122.633293 122.633301 CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 120.505508 120.505524 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03		1.00560558	1.00560558 ± 32	✓	
CDD_MtrCurrDax_Amp_G_f32[0] -200.0056 -200.0056 CDD_MtrCurrDax_Amp_G_f32[1] 122.633293 122.633301 CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 120.505508 120.505524 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03		0.637362659	0.637362659 ± 32	~	
CDD_MtrCurrDax_Amp_G_f32[1] 122.633293 122.633301 CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 120.505508 120.505524 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03		-200.0056	-200.0056	✓	
CDD_MtrCurrK1_Amps_G_f32[0] -160.0056 -160.0056 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 120.505508 120.505524 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03		122.633293	122.633301	~	
CDD_MtrCurrK1_Amps_G_f32[1] 120.505508 120.505524 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03				✓	
CDD_MtrCurrK2_Amps_G_f32[0] -200.0056 -200.0056 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03				~	
CDD_MtrCurrK2_Amps_G_f32[1] 23.2247257 23.2247295 ± 0.0000152587890625 CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 -120.005608 ± 0.03		-200.0056	-200.0056 ± 0.0000152587890625	✓	
CDD_MtrCurrQax_Amp_G_f32[0] -120.005608 ± 0.03 ✓				~	
				✓	
		4.69496727	4.69496727 ± 0.03	~	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.25 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	961	
Adc2_GetPhsCCurr_Cnt_u16_m	710	
CDD_ADC2OffsetComp_Cnt_G_u8p8	47104	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0250000004	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00637000008	
CDD_DCPhsBComp_Cnt_G_u16p0	199	
CDD_DCPhsCComp_Cnt_G_u16p0	254	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.625	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	66.625	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00300000003	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00200000009	

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_MtrCurr1_Volts_G_f32[0]	0.00586039992		
CDD_MtrCurr1_Volts_G_f32[1]	2.00586033		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.019999996		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0189999994		
CDD_MtrCurr2_Volts_G_f32[0]	0.00586039992		
CDD_MtrCurr2_Volts_G_f32[1]	1.00586045		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.005859		
CDD_MtrCurrDax_Amp_G_f32[1]	125.005859		
CDD_MtrCurrK1_Amps_G_f32[0]	-140.005859		
CDD_MtrCurrK1_Amps_G_f32[1]	63.0058594		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.005859		
CDD_MtrCurrK2_Amps_G_f32[1]	125.005859		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.005859		
CDD_MtrCurrQax_Amp_G_f32[1]	198.005859		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	5.48000002		
CDD_Vecu_Volt_G_f32[1]	31		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.50000002e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.7e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7930		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	530		
k_MtrPosComputDelay_Sec_f32	3.1999999e-005		
k_NoofPoles_Uls_f32	3.55628181		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.4000001		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	76.625		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.625		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.3499999		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0372009277	0.0372009277 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00637000008	0.00637000008 ± 0.0000152587890625	→
CDD_ElecPosDelayComp_Rad_G_f32	-0.00299438904	-0.00299438927 ± 0.0000152587890625	→
CDD_MtrCurr1_Volts_G_f32[0]	0.948718011	0.948718011 ± 32	→
CDD_MtrCurr1_Volts_G_f32[1]	2.00586033	2.00586033 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	0.642246664	0.642246664 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	1.00586045	1.00586045 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	157.947876	157.947876	✓
CDD_MtrCurrDax_Amp_G_f32[1]	125.005859	125.005859	✓
CDD_MtrCurrK1_Amps_G_f32[0]	155.267883	155.267883 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	63.0058594	63.0058594 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	29.8000031	29.8000088 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	125.005859	125.005859 ± 0.0000152587890625	✓
CDD_MtrCurrQax_Amp_G_f32[0]	6.97315025	6.97314405 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	198.005859	198.005859 ± 0.03	→

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.26 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	977
Adc2_GetPhsCCurr_Cnt_u16_m	722
CDD_ADC2OffsetComp_Cnt_G_u8p8	49152
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0260000005
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00662480015
CDD_DCPhsBComp_Cnt_G_u16p0	298
CDD_DCPhsCComp_Cnt_G_u16p0	364
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.6500015
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	73.6500015
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00200000009
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00100000005
CDD_MtrCurr1_Volts_G_f32[0]	1.0061152
CDD_MtrCurr1_Volts_G_f32[1]	2.0061152
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0189999994
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0179999992
CDD_MtrCurr2_Volts_G_f32[0]	1.0061152

CurrDQPer1

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_MtrCurr2_Volts_G_f32[1]	2.0061152		
CDD_MtrCurrDax_Amp_G_f32[0]	-160.006119		
CDD_MtrCurrDax_Amp_G_f32[1]	120.006119		
CDD_MtrCurrK1_Amps_G_f32[0]	-120.006119		
CDD_MtrCurrK1_Amps_G_f32[1]	25.006115		
CDD_MtrCurrK2_Amps_G_f32[0]	-160.006119		
CDD_MtrCurrK2_Amps_G_f32[1]	120.006119		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.006119		
CDD_MtrCurrQax_Amp_G_f32[1]	125.006119		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	5		
CDD_Vecu_Volt_G_f32[1]	5		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.60000005e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.80000004e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8061		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	540		
k_MtrPosComputDelay_Sec_f32	3.30000003e-005		
k_NoofPoles_Uls_f32	2.66659498		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.5		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	77.6500015		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	33.6500015		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.35100007		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0260000005	0.0260000005 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0401916504	0.0401916504 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.00324051315	0.00324051292 ± 0.0000152587890625	✓
CDD_MtrCurr1_Volts_G_f32[0]	1.0061152	1.0061152 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	0.958486021	0.958486021 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.0061152	1.0061152 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	0.647130668	0.647130668 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	-160.006119	-160.006119	✓
CDD_MtrCurrDax_Amp_G_f32[1]	173.872589	173.872589	✓
CDD_MtrCurrK1_Amps_G_f32[0]	-120.006119	-120.006119 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	170.700455	170.700455 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-160.006119	-160.006119 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	34.3647728	34.3647728 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-180.006119	-180.006119 ± 0.03	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	•

9.37571716

9.37571716 ± 0.03

Test Step 2.27 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	993	
Adc2_GetPhsCCurr_Cnt_u16_m	734	
CDD_ADC2OffsetComp_Cnt_G_u8p8	51200	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0270000007	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00687960023	
CDD_DCPhsBComp_Cnt_G_u16p0	397	
CDD_DCPhsCComp_Cnt_G_u16p0	474	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.6749992	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	67.6750031	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00100000005	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0	
CDD_MtrCurr1_Volts_G_f32[0]	2.00637007	
CDD_MtrCurr1_Volts_G_f32[1]	1.00636995	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0179999992	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0170000009	
CDD_MtrCurr2_Volts_G_f32[0]	1.00636995	
CDD_MtrCurr2_Volts_G_f32[1]	2.00637007	
CDD_MtrCurrDax_Amp_G_f32[0]	-140.006363	
CDD_MtrCurrDax_Amp_G_f32[1]	63.0063705	
CDD_MtrCurrK1_Amps_G_f32[0]	-200.006363	
CDD_MtrCurrK1_Amps_G_f32[1]	198.006363	

CDD_MtrCurrQax_Amp_G_f32[1]

CurrDQPer1



Name	Input Value		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.006363		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0063705		
CDD_MtrCurrQax_Amp_G_f32[0]	-160.006363		
CDD_MtrCurrQax_Amp_G_f32[1]	120.006371		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	31		
CDD_Vecu_Volt_G_f32[1]	31		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.70000009e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.90000007e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8192		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	550		
k_MtrPosComputDelay_Sec_f32	3.40000006e-005		
k_NoofPoles_Uls_f32	5.41137266		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.5999999		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	78.6750031		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	35.6749992		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.352		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.207550049	0.207550049 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00687960023	0.00687960023 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	-0.00484574866	-0.00484574912 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	0.96825403	0.96825403 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	1.00636995	1.00636995 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.652014673	0.652014673 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	2.00637007	2.00637007 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	11.2128677	11.2128687	~
CDD_MtrCurrDax_Amp_G_f32[1]	63.0063705	63.0063705	~
CDD_MtrCurrK1_Amps_G_f32[0]	170.977768	170.977753 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	198.006363	198.006363 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-35.0925484	-35.0925369 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	63.0063705	63.0063705 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	174.181381	174.181366 ± 0.03	~
CDD MtrCurrQax Amp G f32[1]	120.006371	120.006371 ± 0.03	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Name	Input Value
Adc2 GetPhsBCurr Cnt u16 m	1009
Adc2 GetPhsCCurr Cnt u16 m	746
CDD ADC2OffsetComp Cnt G u8p8	53248
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0280000009
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00713439984
CDD_DCPhsBComp_Cnt_G_u16p0	496
CDD_DCPhsCComp_Cnt_G_u16p0	584
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.7000008
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	74.6999969
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00100000005
CDD_MtrCurr1_Volts_G_f32[0]	2.0066247
CDD_MtrCurr1_Volts_G_f32[1]	1.00662482
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0170000009
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0160000008
CDD_MtrCurr2_Volts_G_f32[0]	1.00662482
CDD_MtrCurr2_Volts_G_f32[1]	2.0066247
CDD_MtrCurrDax_Amp_G_f32[0]	-120.006622
CDD_MtrCurrDax_Amp_G_f32[1]	25.0066242
CDD_MtrCurrK1_Amps_G_f32[0]	-180.006622
CDD_MtrCurrK1_Amps_G_f32[1]	125.006622
CDD_MtrCurrK2_Amps_G_f32[0]	-120.006622
CDD_MtrCurrK2_Amps_G_f32[1]	25.0066242
CDD_MtrCurrQax_Amp_G_f32[0]	-140.006622
CDD_MtrCurrQax_Amp_G_f32[1]	63.0066261
CDD_MtrElecPol_Cnt_G_s8	-1

CDD_MtrCurrK2_Amps_G_f32[0]

CDD_MtrCurrK2_Amps_G_f32[1]

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



-120.006622 ± 0.0000152587890625

-44.5249748 ± 0.0000152587890625

-140.006622 ± 0.03

206.337433 ± 0.03

CurrDQPer1	2010-01-24, 12.03.31 10330	RAZO	cat
Name	Input Value		
CDD_Vecu_Volt_G_f32[0]	15.5		
CDD_Vecu_Volt_G_f32[1]	15.5		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.80000012e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.9999992e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8323		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	560		
k_MtrPosComputDelay_Sec_f32	3.50000009e-005		
k_NoofPoles_Uls_f32	3.47708869		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.70000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	79.6999969		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	37.7000008		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.35299993		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0280000009	0.0280000009 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.211044312	0.211044312 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.00454542413	0.00454542413 ± 0.0000152587890625	✓
CDD_MtrCurr1_Volts_G_f32[0]	2.0066247	2.0066247 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	0.978022039	0.978022039 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	1.00662482	1.00662482 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.656898677	0.656898677 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	-120.006622	-120.006622	✓
CDD_MtrCurrDax_Amp_G_f32[1]	5.64482498	5.64482832	~
CDD_MtrCurrK1_Amps_G_f32[0]	-180.006622	-180.006622 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	201.555283	201.555283 ± 32	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

-120.006622

-44.5249748

-140.006622

Test Step 2.29 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	0
Adc2_GetPhsCCurr_Cnt_u16_m	518
CDD_ADC2OffsetComp_Cnt_G_u8p8	55296
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00899999961
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0022932
CDD_DCPhsBComp_Cnt_G_u16p0	435
CDD_DCPhsCComp_Cnt_G_u16p0	460
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.224998
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	146.225006
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00100000005
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00200000009
CDD_MtrCurr1_Volts_G_f32[0]	0.00687960023
CDD_MtrCurr1_Volts_G_f32[1]	2.00687957
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0160000008
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0149999997
CDD_MtrCurr2_Volts_G_f32[0]	0.00687960023
CDD_MtrCurr2_Volts_G_f32[1]	1.00687957
CDD_MtrCurrDax_Amp_G_f32[0]	-200.001785
CDD_MtrCurrDax_Amp_G_f32[1]	198.001785
CDD_MtrCurrK1_Amps_G_f32[0]	-160.001785
CDD_MtrCurrK1_Amps_G_f32[1]	120.001785
CDD_MtrCurrK2_Amps_G_f32[0]	-200.001785
CDD_MtrCurrK2_Amps_G_f32[1]	198.001785
CDD_MtrCurrQax_Amp_G_f32[0]	-120.001785
CDD_MtrCurrQax_Amp_G_f32[1]	25.0017834
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	6.48999977
CDD_Vecu_Volt_G_f32[1]	5.21000004
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.9000015e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5833

CDD_MtrCurrK2_Amps_G_f32[0]

CDD_MtrCurrK2_Amps_G_f32[1]

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



 $1.30416262 \pm 0.0000152587890625$

198.001785 ± 0.0000152587890625

5.92789698 ± 0.03

25.0017834 ± 0.03

CurrDQPer1	2010 07 24, 12:00:07 10000	RAZON	cat
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	570		
k_MtrPosComputDelay_Sec_f32	0.000140000004		
k_NoofPoles_Uls_f32	2.77089477		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	65.2249985		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	97.2249985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00944519043	0.00944519043 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0022932	0.0022932 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.0237070825	0.0237070825 ± 0.0000152587890625	✓
CDD_MtrCurr1_Volts_G_f32[0]	0	0 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	2.00687957	2.00687957 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[0]	0.368742377	0.368742377 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	1.00687957	1.00687957 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	121.758492	121.758484	✓
CDD_MtrCurrDax_Amp_G_f32[1]	198.001785	198.001785	~
CDD_MtrCurrK1_Amps_G_f32[0]	121.895721	121.895721 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	120.001785	120.001785 ± 32	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	

1.30416262

198.001785

5.92789745

Name	Input Value	
Adc2 GetPhsBCurr Cnt u16 m	4095	
Adc2 GetPhsCCurr Cnt u16 m	770	
CDD ADC2OffsetComp Cnt G u8p8	57344	
CDD AppDataFwdPthAccessBfr Cnt G u16	1	
CDD CDDDataAccessBfr Cnt G u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.029999993	
CDD CorrMtrPosElec_Rev_G_I32[1]	0.0299999993	
	694	
CDD_DCPhsBComp_Cnt_G_u16p0		
CDD_DCPhsCComp_Cnt_G_u16p0	804	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.75	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	75.75	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00200000009	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00300000003	
CDD_MtrCurr1_Volts_G_f32[0]	1.00713444	
CDD_MtrCurr1_Volts_G_f32[1]	4.00713444	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0149999997	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0140000004	
CDD_MtrCurr2_Volts_G_f32[0]	1.00713444	
CDD_MtrCurr2_Volts_G_f32[1]	4.00713444	
CDD_MtrCurrDax_Amp_G_f32[0]	-180.007141	
CDD_MtrCurrDax_Amp_G_f32[1]	125.007133	
CDD_MtrCurrK1_Amps_G_f32[0]	-140.007141	
CDD_MtrCurrK1_Amps_G_f32[1]	63.0071335	
CDD_MtrCurrK2_Amps_G_f32[0]	-180.007141	
CDD_MtrCurrK2_Amps_G_f32[1]	125.007133	
CDD_MtrCurrQax_Amp_G_f32[0]	-200.007141	
DD_MtrCurrQax_Amp_G_f32[1]	198.007141	
CDD_MtrElecPol_Cnt_G_s8	1	
CDD_Vecu_Volt_G_f32[0]	7.5	
CDD_Vecu_Volt_G_f32[1]	6.21999979	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.09999996e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.50000004e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8585	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
<pre>CMtrCurrOffLoComOff_Cnt_u16</pre>	580	
 <_MtrPosComputDelay_Sec_f32	3.70000016e-005	
C_NoofPoles_Uls_f32	2.45000958	
gt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.9000001	

2016-07-24, 12:03:57+0530



Name	Input Value		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	81.75		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.75		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.35500002		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.029999993	0.0299999993 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0482177734	0.0482177734 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.00343338237	0.00343338237 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.00713444	1.00713444 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	4.72649574	4.72649574 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[0]	1.00713444	1.00713444 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.66666687	0.666666687 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	-180.007141	-180.007141	✓
CDD_MtrCurrDax_Amp_G_f32[1]	-108.028488	-108.028488	~
CDD_MtrCurrK1_Amps_G_f32[0]	-140.007141	-140.007141 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	-74.0082169	-74.0082169 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-180.007141	-180.007141 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	-125.326233	-125.326233 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-200.007141	-200.007141 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	97.5383377	97.5383377 ± 0.03	~

Test Step Call Trace					0
Actual Function	Count	Expected Function	Count	Resu	lt
none	0	*** No Call Expected ***	0		•

Test Step 2.31 (Repeat Count = 1)

Input Value



Name



name	input value		
Adc2_GetPhsBCurr_Cnt_u16_m	2047		
Adc2_GetPhsCCurr_Cnt_u16_m	782		
CDD_ADC2OffsetComp_Cnt_G_u8p8	59392		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0309999995		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00789880008		
CDD_DCPhsBComp_Cnt_G_u16p0	793		
CDD_DCPhsCComp_Cnt_G_u16p0	914		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.7750015		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	69.7750015		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00300000003		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00400000019		
CDD_MtrCurr1_Volts_G_f32[0]	1.00968242		
CDD_MtrCurr1_Volts_G_f32[1]	2.00968242		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0140000004		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0130000003		
CDD_MtrCurr2_Volts_G_f32[0]	1.00968242		
CDD_MtrCurr2_Volts_G_f32[1]	2.00968242		
CDD_MtrCurrDax_Amp_G_f32[0]	-160.007385		
CDD_MtrCurrDax_Amp_G_f32[1]	120.007393		
CDD_MtrCurrK1_Amps_G_f32[0]	-120.007393		
CDD_MtrCurrK1_Amps_G_f32[1]	25.0073891		
CDD_MtrCurrK2_Amps_G_f32[0]	-160.007385		
CDD_MtrCurrK2_Amps_G_f32[1]	120.007393		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.007385		
CDD_MtrCurrQax_Amp_G_f32[1]	125.007393		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	8.51000023		
CDD_Vecu_Volt_G_f32[1]	7.23000002		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.1999999e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.60000008e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8716		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	590		
k_MtrPosComputDelay_Sec_f32	3.79999983e-005		
k_NoofPoles_Uls_f32	2.38216853		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	82.7750015		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	43.7750015		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.35599995		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.215942383	0.215942383 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00789880008	0.00789880008 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	-0.00238865986	-0.00238865986 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	2.21611738	2.21611738 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	2.00968242	2.00968242 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	0.671550691	0.671550691 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	2.00968242	2.00968242 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	34.5873375	34.5873375	•
CDD_MtrCurrDax_Amp_G_f32[1]	120.007393	120.007393	•
CDD_MtrCurrK1_Amps_G_f32[0]	149.796356	149.796356 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	25.0073891	25.0073891 ± 32	•
	2.84126139	2.84126139 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[0]			
CDD_MtrCurrK2_Amps_G_f32[0] CDD_MtrCurrK2_Amps_G_f32[1]	120.007393	120.007393 ± 0.0000152587890625	→
		120.007393 ± 0.0000152587890625 145.776321 ± 0.03	~
CDD_MtrCurrK2_Amps_G_f32[1]	120.007393		

Test Step 2.32 (Repeat Count = 1)	🗸
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1100
Adc2_GetPhsCCurr_Cnt_u16_m	0
CDD_ADC2OffsetComp_Cnt_G_u8p8	61440

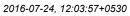
Count Expected Function

*** No Call Expected ***

Actual Function

none

Count Result





Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0320000015		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00815359969		
CDD_DCPhsBComp_Cnt_G_u16p0	892		
CDD_DCPhsCComp_Cnt_G_u16p0	1024		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.7999992		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	76.8000031		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00400000019		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00499999989		
CDD_MtrCurr1_Volts_G_f32[0]	2.00764394		
CDD_MtrCurr1_Volts_G_f32[1]	1.00764406		
CDD MtrCurr2TempOffset Volt G f32[0]	-0.0130000003		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0120000001		
CDD_MtrCurr2_Volts_G_f32[0]	1.00764406		
CDD_MtrCurr2_Volts_G_f32[1]	2.00764394		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.007645		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0076447		
CDD MtrCurrK1 Amps G f32[0]	-200.007645		
CDD_MtrCurrK1_Amps_G_f32[1]	198.007645		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.007645		
CDD MtrCurrK2 Amps G f32[1]	63.0076447		
CDD_MtrCurrQax_Amp_G_f32[0]	-160.007645		
CDD_MtrCurrQax_Amp_G_f32[1]	120.007645		
CDD MtrElecPol Cnt G s8	1		
CDD_Vecu_Volt_G_f32[0]	9.52000046		
CDD Vecu Volt G f32[1]	8.23999977		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.30000003e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.70000011e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8847		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	600		
k_MtrPosComputDelay_Sec_f32	3.89999987e-005		
k_NoofPoles_Uls_f32	3.81904554		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	83.8000031		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	45.7999992		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.35700011		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0320000015	0.0320000015 ± 0.0000152587890625	- 100 u.i.
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0525817871	0.0525817871 ± 0.0000152587890625	V
CDD_ElecPosDelayComp_Rad_G_f32	0.00571940234	0.0057194028 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	2.00764394	2.00764394 ± 32	V
CDD_MtrCurr1_Volts_G_f32[1]	1.05006111	1.05006111 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	1.00764406	1.00764406 ± 32	~
CDD MtrCurr2 Volts G f32[1]	0	0 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-140.007645	-140.007645	•
CDD MtrCurrDax Amp G f32[1]	92.9117203	92.9117355	
CDD MtrCurrK1 Amps G f32[0]	-200.007645	-200.007645 ± 32	~
CDD MtrCurrK1 Amps G f32[1]	119.567825	119.567841 ± 32	
CDD MtrCurrK2 Amps G f32[0]	-140.007645	-140.007645 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	-62.2364769	-62.2364807 ± 0.0000152587890625	
CDD MtrCurrQax Amp G f32[0]	-160.007645	-160.007645 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	97.6588821	97.6588898 ± 0.03	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.33 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1111	
Adc2_GetPhsCCurr_Cnt_u16_m	4095	
CDD_ADC2OffsetComp_Cnt_G_u8p8	63488	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0329999998	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00840840023	
CDD_DCPhsBComp_Cnt_G_u16p0	991	

2016-07-24, 12:03:57+0530



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Name	Input Value		
CDD_DCPhsCComp_Cnt_G_u16p0	1134		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.8250008		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	70.8249969		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00499999989		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00600000005		
CDD_MtrCurr1_Volts_G_f32[0]	0.00789880008		
CDD_MtrCurr1_Volts_G_f32[1]	2.00789881		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0120000001		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0109999999		
CDD_MtrCurr2_Volts_G_f32[0]	0.00789880008		
CDD_MtrCurr2_Volts_G_f32[1]	1.00789881		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.007904		
CDD_MtrCurrDax_Amp_G_f32[1]	198.007904		
CDD_MtrCurrK1_Amps_G_f32[0]	-180.007904		
CDD_MtrCurrK1_Amps_G_f32[1]	125.007896		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.007904		
CDD_MtrCurrK2_Amps_G_f32[1]	198.007904		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.007904		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0079002		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	10.5299997		
CDD_Vecu_Volt_G_f32[1]	9.25		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.40000006e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.60000005e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8978		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	610		
k_MtrPosComputDelay_Sec_f32	3.999999e-005		
k_NoofPoles_Uls_f32	4.424788		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.10000002		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	84.8249969		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	47.8250008		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.35800004		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.219573975	0.219573975 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00840840023	0.00840840023 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00467478856	-0.00467478856 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.05372405	1.05372405 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	2.00789881	2.00789881 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	4.69719172	4.69719172 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	1.00789881	1.00789881 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	-83.1549072	-83.1549149	•
CDD_MtrCurrDax_Amp_G_f32[1]	198.007904	198.007904	~
CDD_MtrCurrK1_Amps_G_f32[0]	-79.5194244	-79.5194244 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	125.007896	125.007896 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-69.3080673	-69.308075 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	198.007904	198.007904 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-64.9015274	-64.9015274 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	63.0079002	63.0079002 ± 0.03	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.34 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	881	
Adc2_GetPhsCCurr_Cnt_u16_m	2047	
CDD_ADC2OffsetComp_Cnt_G_u8p8	1024	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0199999996	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00509600015	
CDD_DCPhsBComp_Cnt_G_u16p0	7150	
CDD_DCPhsCComp_Cnt_G_u16p0	834	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	0	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	0	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00600000005	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00700000022	

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_MtrCurr1_Volts_G_f32[0]	1.00815356		
CDD_MtrCurr1_Volts_G_f32[1]	2.00815368		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.010999999		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0099999978		
CDD_MtrCurr2_Volts_G_f32[0]	1.00815356		
CDD MtrCurr2 Volts G f32[1]	2.00815368		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.004593		
CDD_MtrCurrDax_Amp_G_f32[1]	125.004585		
CDD_MtrCurrK1_Amps_G_f32[0]	-140.004593		
CDD_MtrCurrK1_Amps_G_f32[1]	63.0045853		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.004593		
CDD_MtrCurrK2_Amps_G_f32[1]	125.004585		
CDD MtrCurrQax Amp G f32[0]	-200.004593		
CDD MtrCurrQax Amp G f32[1]	198.004593		
CDD MtrElecPol Cnt G s8	1		
CDD_Vecu_Volt_G_f32[0]	11.54		
CDD Vecu Volt G f32[1]	10.2600002		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.50000009e-005		
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	1.4999996e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7274		
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k MtrCurrOffLoComOff Cnt u16	620		
k MtrPosComputDelay Sec f32	2.9000007e-005		
k_NoofPoles_Uls_f32	2.19289589		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.0999999		
tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	73.5		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.5		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.34699988		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0199999996	0.0199999996 ± 0.0000152587890625	- Ttoouit
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0276641846	0.0276641846 ± 0.0000152587890625	-
CDD ElecPosDelayComp Rad G f32	0	0 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	1.00815356	1.00815356 ± 32	-
CDD_MtrCurr1_Volts_G_f32[1]	1.07081807	1.07081807 ± 32	
CDD MtrCurr2 Volts G f32[0]	1.00815356	1.00815356 ± 32	
CDD_MtrCurr2_Volts_G_f32[1]	2.49450564	2.49450564 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-180.004593	-180.004593	-
CDD_MtrCurrDax_Amp_G_f32[1]	107.870247	107.870262	
CDD MtrCurrK1 Amps G f32[0]	-140.004593	-140.004593 ± 32	-
CDD_MtrCurrK1_Amps_G_f32[1]	103.4179	103.417915 ± 32	j
CDD_MtrCurrK2_Amps_G_f32[0]	-180.004593	-180.004593 ± 0.0000152587890625	
CDD_MtrCurrK2_Amps_G_f32[1]	34.7549591	34.7549667 ± 0.0000152587890625	j
CDD_MtrCurrQax Amp G f32[0]	-200.004593	-200.004593 ± 0.03	
ODD_INITOUT QUA_ATTIP_G_TOZ[0]	-200.004333	-200.00 4 333 ± 0.03	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.35 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1199
Adc2_GetPhsCCurr_Cnt_u16_m	45
CDD_ADC2OffsetComp_Cnt_G_u8p8	2048
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0350000001
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00891800039
CDD_DCPhsBComp_Cnt_G_u16p0	1783
CDD_DCPhsCComp_Cnt_G_u16p0	2014
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.875
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	74.875
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0260000005
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0260000005
CDD_MtrCurr1_Volts_G_f32[0]	0.00840840023
CDD_MtrCurr1_Volts_G_f32[1]	2.00840831
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0120000001
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0130000003
CDD_MtrCurr2_Volts_G_f32[0]	0.00840840023

CurrDQPer1

2016-07-24, 12:03:57+0530



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Name	Input Value		
CDD_MtrCurr2_Volts_G_f32[1]	1.00840843		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.008408		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0084076		
CDD_MtrCurrK1_Amps_G_f32[0]	-140.008408		
CDD_MtrCurrK1_Amps_G_f32[1]	63.0084076		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.008408		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0084076		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.008408		
CDD_MtrCurrQax_Amp_G_f32[1]	125.008408		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	12.5500002		
CDD_Vecu_Volt_G_f32[1]	11.2700005		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.60000013e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.6e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10027		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	630		
k_MtrPosComputDelay_Sec_f32	4.80000017e-005		
k_NoofPoles_Uls_f32	4.63432026		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.8999998		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	92.875		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	63.875		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.36599994		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.23765564	0.23765564 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00891800039	0.00891800039 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.00832787342	0.00832787342 ± 0.0000152587890625	✓
CDD_MtrCurr1_Volts_G_f32[0]	1.45421255	1.45421255 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	2.00840831	2.00840831 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[0]	0.0451770462	0.0451770462 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	1.00840843	1.00840843 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	60.633667	60.6336555	✓
CDD_MtrCurrDax_Amp_G_f32[1]	63.0084076	63.0084076	✓
CDD_MtrCurrK1_Amps_G_f32[0]	253.491699	253.49173 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	63.0084076	63.0084076 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	41.1157112	41.115696 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	63.0084076	63.0084076 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	•

125.008408

125.008408 ± 0.03

Test Step 2.36 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1210	
Adc2_GetPhsCCurr_Cnt_u16_m	53	
CDD_ADC2OffsetComp_Cnt_G_u8p8	3072	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0359999985	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0091728	
CDD_DCPhsBComp_Cnt_G_u16p0	1882	
CDD_DCPhsCComp_Cnt_G_u16p0	2124	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.9000015	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	81.9000015	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0260000005	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0260000005	
CDD_MtrCurr1_Volts_G_f32[0]	1.00866318	
CDD_MtrCurr1_Volts_G_f32[1]	4.00866318	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0130000003	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0140000004	
CDD_MtrCurr2_Volts_G_f32[0]	1.00866318	
CDD_MtrCurr2_Volts_G_f32[1]	4.00866318	
CDD_MtrCurrDax_Amp_G_f32[0]	-120.008667	
CDD_MtrCurrDax_Amp_G_f32[1]	25.0086632	
CDD_MtrCurrK1_Amps_G_f32[0]	5.00866318	
CDD_MtrCurrK1_Amps_G_f32[1]	14.0086632	

CDD_MtrCurrQax_Amp_G_f32[1]

CurrDQPer1

CDD_MtrCurrDax_Amp_G_f32[1]

CDD_MtrCurrK1_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[1]

CDD_MtrCurrK2_Amps_G_f32[0]

CDD_MtrCurrK2_Amps_G_f32[1]

CDD MtrCurrQax Amp G f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



Input Value CDD_MtrCurrK2_Amps_G_f32[0] -120.008667 CDD_MtrCurrK2_Amps_G_f32[1] 25.0086632 -160.008667 CDD_MtrCurrQax_Amp_G_f32[0] CDD_MtrCurrQax_Amp_G_f32[1] 120.008667 CDD_MtrElecPol_Cnt_G_s8 CDD_Vecu_Volt_G_f32[0] 13.5600004 CDD_Vecu_Volt_G_f32[1] 12.2799997 CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32 3.70000016e-005 CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 1.70000003e-005 MtrPos_CorrectedMtrPos_Rev_G_u0p16 10158 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k MtrCurrOffLoComOff Cnt u16 640 k_MtrPosComputDelay_Sec_f32 4.89999984e-005 k NoofPoles_Uls_f32 2 05782723 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 93.9000015 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 $tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32$ 65.9000015 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.3670001 $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal$ tgt_Pim_ShCurrCal Name **Actual Value Expected Value** Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0359999985 $0.0359999985 \pm 0.0000152587890625$ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0713043213 0.0713043213 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 -0.00226371293 -0.00226371293 ± 0.0000152587890625 1.00866318 ± 32 CDD_MtrCurr1_Volts_G_f32[0] 1.00866318 CDD_MtrCurr1_Volts_G_f32[1] 1.46275949 1.46275949 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 1.00866318 ± 32 1.00866318 CDD_MtrCurr2_Volts_G_f32[1] 0.0500610508 0.0500610508 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] -120.008667 -120.008667

Test Step Call Trace					0
Actual Function	Count	Expected Function	Count	Resu	lt
none	0	*** No Call Expected ***	0		•

220

5.00866318

295.212341

-120.008667

-28 6416264

-160.008667

153.695068

220

5.00866318 ± 32

295.212341 ± 32

-160.008667 ± 0.03

153.695053 ± 0.03

-120.008667 ± 0.0000152587890625

-28.6416264 ± 0.0000152587890625

Test Step 2.37 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1221
Adc2_GetPhsCCurr_Cnt_u16_m	60
CDD_ADC2OffsetComp_Cnt_G_u8p8	1280
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0370000005
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00942759961
CDD_DCPhsBComp_Cnt_G_u16p0	1981
CDD_DCPhsCComp_Cnt_G_u16p0	2234
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.9249992
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	75.9250031
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	2.00891805
CDD_MtrCurr1_Volts_G_f32[1]	1.00891805
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0140000004
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0149999997
CDD_MtrCurr2_Volts_G_f32[0]	2.00891805
CDD_MtrCurr2_Volts_G_f32[1]	1.00891805
CDD_MtrCurrDax_Amp_G_f32[0]	-200.008911
CDD_MtrCurrDax_Amp_G_f32[1]	198.008911
CDD_MtrCurrK1_Amps_G_f32[0]	5.00891781
CDD_MtrCurrK1_Amps_G_f32[1]	18.0089188
CDD_MtrCurrK2_Amps_G_f32[0]	-200.008911
CDD_MtrCurrK2_Amps_G_f32[1]	198.008911
CDD_MtrCurrQax_Amp_G_f32[0]	-140.008911
CDD_MtrCurrQax_Amp_G_f32[1]	63.0089188
CDD_MtrElecPol_Cnt_G_s8	4

~

CurrDQPer1



Name	Input Value	
CDD_Vecu_Volt_G_f32[0]	14.5699997	
CDD_Vecu_Volt_G_f32[1]	13.29	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.79999983e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.80000006e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10289	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_MtrCurrOffLoComOff_Cnt_u16	650	
k_MtrPosComputDelay_Sec_f32	4.9999987e-005	
k_NoofPoles_Uls_f32	5.05101204	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	94.9250031	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	67.9250031	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.36800003	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
Name	Actual Value Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.241851807	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00942759961	25
CDD_ElecPosDelayComp_Rad_G_f32	0.00958745275	25
CDD_MtrCurr1_Volts_G_f32[0]	1.48473752 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	1.00891805 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.0671550706 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	1.00891805 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	41.742836 41.742836	✓
CDD_MtrCurrDax_Amp_G_f32[1]	198.008911 198.008911	~
CDD_MtrCurrK1_Amps_G_f32[0]	313.270416 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	18.0089188 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	25.7452164 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	198.008911 198.008911 ± 0.0000152587890625	~
ODD AM-OO A O footol	220 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[0]	220 1 0.00	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.38 (Repeat Count = 1)	range in the second
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1232
Adc2_GetPhsCCurr_Cnt_u16_m	68
CDD_ADC2OffsetComp_Cnt_G_u8p8	2560
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0379999988
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00968240015
CDD_DCPhsBComp_Cnt_G_u16p0	2080
CDD_DCPhsCComp_Cnt_G_u16p0	2344
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.9500008
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	82.9499969
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0099999978
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0109999999
CDD_MtrCurr1_Volts_G_f32[0]	2.00917292
CDD_MtrCurr1_Volts_G_f32[1]	1.0091728
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0149999997
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0160000008
CDD_MtrCurr2_Volts_G_f32[0]	1.0091728
CDD_MtrCurr2_Volts_G_f32[1]	2.00917292
CDD_MtrCurrDax_Amp_G_f32[0]	-180.009171
CDD_MtrCurrDax_Amp_G_f32[1]	125.009171
CDD_MtrCurrK1_Amps_G_f32[0]	5.00917292
CDD_MtrCurrK1_Amps_G_f32[1]	22.0091724
CDD_MtrCurrK2_Amps_G_f32[0]	-180.009171
CDD_MtrCurrK2_Amps_G_f32[1]	125.009171
CDD_MtrCurrQax_Amp_G_f32[0]	-120.009171
CDD_MtrCurrQax_Amp_G_f32[1]	25.0091724
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	15.5799999
CDD_Vecu_Volt_G_f32[1]	14.3000002
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.89999987e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.89999992e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10420

CurrDQPer1

2016-07-24, 12:03:57+0530



Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	660		
k_MtrPosComputDelay_Sec_f32	5.0999991e-005		
k_NoofPoles_Uls_f32	4.98552084		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.20000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	95.9499969		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	69.9499969		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.36899996		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.037999988	0.0379999988 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0747528076	0.0747528076 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	-0.00571452873	-0.00571452873 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	2.00917292	2.00917292 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	1.49206352	1.49206352 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[0]	1.0091728	1.0091728 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.070818074	0.070818074 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	-180.009171	-180.009171	✓
CDD_MtrCurrDax_Amp_G_f32[1]	220	220	~
CDD_MtrCurrK1_Amps_G_f32[0]	5.00917292	5.00917292 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	358.275574	358.275513 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-180.009171	-180.009171 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	-13.9402857	-13.9402952 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-120.009171	-120.009171 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	174.588409	174.588394 ± 0.03	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Name	Input Value	
	1243	
Adc2_GetPhsBCurr_Cnt_u16_m Adc2_GetPhsCCurr_Cnt_u16_m	75	
CDD ADC2OffsetComp Cnt G u8p8	3840	
CDD AppDataFwdPthAccessBfr Cnt G u16	1	
	0	
CDD_CDDDataAccessBfr_Cnt_G_u16		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.039000008	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00993719976	
CDD_DCPhsBComp_Cnt_G_u16p0	2179	
CDD_DCPhsCComp_Cnt_G_u16p0	2454	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.9749985	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	76.9749985	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00499999989	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00400000019	
CDD_MtrCurr1_Volts_G_f32[0]	0.00942759961	
CDD_MtrCurr1_Volts_G_f32[1]	2.00942755	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0160000008	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0170000009	
CDD_MtrCurr2_Volts_G_f32[0]	0.00942759961	
CDD_MtrCurr2_Volts_G_f32[1]	1.00942755	
CDD_MtrCurrDax_Amp_G_f32[0]	-160.00943	
CDD_MtrCurrDax_Amp_G_f32[1]	120.00943	
CDD_MtrCurrK1_Amps_G_f32[0]	5.00942755	
CDD_MtrCurrK1_Amps_G_f32[1]	26.009428	
CDD_MtrCurrK2_Amps_G_f32[0]	-160.00943	
CDD_MtrCurrK2_Amps_G_f32[1]	120.00943	
DD_MtrCurrQax_Amp_G_f32[0]	-200.00943	
DD_MtrCurrQax_Amp_G_f32[1]	198.00943	
CDD_MtrElecPol_Cnt_G_s8	-1	
CDD_Vecu_Volt_G_f32[0]	16.5900002	
CDD_Vecu_Volt_G_f32[1]	15.3100004	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.999999e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.9999995e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10551	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
 MtrCurrOffLoComOff_Cnt_u16	670	
MtrPosComputDelay Sec f32	5.19999994e-005	
C_NoofPoles_Uls_f32	5.24843407	
gt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.29999995	

2016-07-24, 12:03:57+0530



Name	Input Value		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	96.9749985		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	71.9749985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.36999989		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.246002197	0.246002197 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00993719976	0.00993719976 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.0105039533	0.0105039533 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.49938953	1.49938953 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	2.00942755	2.00942755 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.0732600763	0.0732600763 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	1.00942755	1.00942755 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	19.1939888	19.1939964	✓
CDD_MtrCurrDax_Amp_G_f32[1]	120.00943	120.00943	•
CDD_MtrCurrK1_Amps_G_f32[0]	382.98645	382.986481 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	26.009428	26.009428 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	9.57782078	9.57782936 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	120.00943	120.00943 ± 0.0000152587890625	•
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	198.00943	198.00943 ± 0.03	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.40 (Repeat Count = 1)





rest otop 2.40 (Repeat Count - 1)			
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1254		
Adc2_GetPhsCCurr_Cnt_u16_m	83		
CDD_ADC2OffsetComp_Cnt_G_u8p8	768		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.039999991		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0101920003		
CDD_DCPhsBComp_Cnt_G_u16p0	2278		
CDD_DCPhsCComp_Cnt_G_u16p0	2564		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.3650017		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	83.3649979		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0120000001		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0130000003		
CDD_MtrCurr1_Volts_G_f32[0]	1.00968242		
CDD_MtrCurr1_Volts_G_f32[1]	2.00968242		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0260000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0260000005		
CDD_MtrCurr2_Volts_G_f32[0]	1.00968242		
CDD_MtrCurr2_Volts_G_f32[1]	2.00968242		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.009689		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0096817		
CDD_MtrCurrK1_Amps_G_f32[0]	5.00968218		
CDD_MtrCurrK1_Amps_G_f32[1]	30.0096817		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.009689		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0096817		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.009689		
CDD_MtrCurrQax_Amp_G_f32[1]	125.009682		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	17.6000004		
CDD_Vecu_Volt_G_f32[1]	16.3199997		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.0999993e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.0999998e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10682		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	680		
k_MtrPosComputDelay_Sec_f32	5.2999998e-005		
k_NoofPoles_Uls_f32	4.24585629		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.4000001		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	97		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	73.3649979		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.37100005		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.039999991	0.0399999991 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0788726807	0.0788726807 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00499173673	-0.00499173673 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	1.00968242	1.00968242 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	1.52747262	1.52747262 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	1.00968242	1.00968242 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	0.0976800993	0.0976800993 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	-140.009689	-140.009689	•
CDD_MtrCurrDax_Amp_G_f32[1]	220	220	•
CDD_MtrCurrK1_Amps_G_f32[0]	5.00968218	5.00968218 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	425.87561	425.87561 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-140.009689	-140.009689 ± 0.0000152587890625	•
		F 40400004 - 0 00004F0F0F070000F	1 .
CDD_MtrCurrK2_Amps_G_f32[1]	5.46439552	5.46438694 ± 0.0000152587890625	
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrQax_Amp_G_f32[0] CDD_MtrCurrQax_Amp_G_f32[1]	5.46439552 -180.009689 197.711594	-180.009689 ± 0.03	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.41 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1265	
Adc2_GetPhsCCurr_Cnt_u16_m	90	
CDD_ADC2OffsetComp_Cnt_G_u8p8	1536	

2016-07-24, 12:03:57+0530

Input Value





Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0410000011		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0104467999		
CDD_DCPhsBComp_Cnt_G_u16p0	2377		
CDD_DCPhsCComp_Cnt_G_u16p0	2674		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.0250015		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	77.0250015		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.023		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0240000002		
CDD_MtrCurr1_Volts_G_f32[0]	2.00993729		
CDD_MtrCurr1_Volts_G_f32[1]	1.00993717		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0260000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0260000005		
CDD_MtrCurr2_Volts_G_f32[0]	2.00993729		
CDD_MtrCurr2_Volts_G_f32[1]	1.00993717		
CDD_MtrCurrDax_Amp_G_f32[0]	-120.009933		
CDD_MtrCurrDax_Amp_G_f32[1]	25.0099373		
CDD_MtrCurrK1_Amps_G_f32[0]	1.00993717		
CDD_MtrCurrK1_Amps_G_f32[1]	2.00993729		
CDD_MtrCurrK2_Amps_G_f32[0]	-120.009933		
CDD_MtrCurrK2_Amps_G_f32[1]	25.0099373		
CDD_MtrCurrQax_Amp_G_f32[0]	-160.009933		
CDD_MtrCurrQax_Amp_G_f32[1]	120.009933		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD Vecu Volt G f32[0]	18.6100006		
CDD Vecu Volt G f32[1]	17.3299999		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.1999997e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.20000002e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10813		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	690		
k_MtrPosComputDelay_Sec_f32	5.4000001e-005		
k_NoofPoles_Uls_f32	3.36197019		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.5		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	98.0250015		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	75.0250015		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.37199998		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
		•	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0827789307	0.0827789307 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0104467999	0.0104467999 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.00699180504	0.00699180551 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	1.53724062	1.53724062 ± 32	*
CDD_MtrCurr1_Volts_G_f32[1]	1.00993717	1.00993717 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	0.102564104	0.102564104 ± 32	,
CDD_MtrCurr2_Volts_G_f32[1]	1.00993717	1.00993717 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	220	220	Y Y
CDD_MtrCurrDax_Amp_G_f32[1]	25.0099373	25.0099373	•
CDD_MtrCurrK1_Amps_G_f32[0]	458.752502	458.752563 ± 32	*
CDD_MtrCurrK1_Amps_G_f32[1]	2.00993729	2.00993729 ± 32	_
CDD_MtrCurrK2_Amps_G_f32[0]	10.283968	10.283968 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	25.0099373	25.0099373 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrQax_Amp_G_f32[0] CDD_MtrCurrQax_Amp_G_f32[1]	25.0099373 219.066895 120.009933	25.0099373 ± 0.0000152587890625 219.06691 ± 0.03 120.009933 ± 0.03	Ž

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.42 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1276	
Adc2_GetPhsCCurr_Cnt_u16_m	98	
CDD_ADC2OffsetComp_Cnt_G_u8p8	2304	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0419999994	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0107016005	
CDD_DCPhsBComp_Cnt_G_u16p0	2476	

2016-07-24, 12:03:57+0530





Name	Input Value		
CDD_DCPhsCComp_Cnt_G_u16p0	2784		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.0499992		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	84.0500031		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0140000004		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0149999997		
CDD_MtrCurr1_Volts_G_f32[0]	2.01019192		
CDD_MtrCurr1_Volts_G_f32[1]	1.01019204		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0		
CDD_MtrCurr2_Volts_G_f32[0]	1.01019204		
CDD_MtrCurr2_Volts_G_f32[1]	2.01019192		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.010193		
CDD_MtrCurrDax_Amp_G_f32[1]	198.010193		
CDD_MtrCurrK1_Amps_G_f32[0]	2.01019192		
CDD_MtrCurrK1_Amps_G_f32[1]	4.01019192		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.010193		
CDD_MtrCurrK2_Amps_G_f32[1]	198.010193		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.010193		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0101929		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	19.6200008		
CDD_Vecu_Volt_G_f32[1]	18.3400002		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.3e-005		
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	2.30000005e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10945		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	700		
k_MtrPosComputDelay_Sec_f32	5.50000004e-005		
k_NoofPoles_Uls_f32	4.78002453		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.5999999		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	99.0500031		
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	77.0500031		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.37299991		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD CorrMtrPosElec Rev G f32[0]	0.0419999994	0.0419999994 ± 0.0000152587890625	- 100 unit
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.08543396	0.08543396 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.0110484296	0.0110484296 ± 0.0000152587890625	
CDD MtrCurr1 Volts G f32[0]	2.01019192	2.01019192 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	1.54700863	1.54700863 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	1.01019204	1.01019204 ± 32	V
CDD_MtrCurr2_Volts_G_f32[1]	0.10866911	0.10866911 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-200.010193	-200.010193	
CDD_MtrCurrDax_Amp_G_f32[1]	220	220	
CDD_MtrCurrK1_Amps_G_f32[0]	2.01019192	2.01019192 ± 32	V
CDD_MtrCurrK1_Amps_G_f32[t]	500.760559	500.760498 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-200.010193	-200.010193 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	21.0055828	21.0055733 ± 0.0000152587890625	
CDD_MtrCurrQax_Amp_G_f32[0]	-140.010193	-140.010193 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	
022_ma 0an @ax_mnp_0_102[1]	220	220 ± 0.00	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.43 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1287	
Adc2_GetPhsCCurr_Cnt_u16_m	105	
CDD_ADC2OffsetComp_Cnt_G_u8p8	3072	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0430000015	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0109564001	
CDD_DCPhsBComp_Cnt_G_u16p0	2575	
CDD_DCPhsCComp_Cnt_G_u16p0	2894	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.0750008	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	78.0749969	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0149999997	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0160000008	

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_MtrCurr1_Volts_G_f32[0]	0.0104467999		
CDD_MtrCurr1_Volts_G_f32[1]	2.01044679		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0099999978		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0109999999		
CDD_MtrCurr2_Volts_G_f32[0]	0.0104467999		
CDD_MtrCurr2_Volts_G_f32[1]	1.01044679		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.010452		
CDD_MtrCurrDax_Amp_G_f32[1]	125.010445		
CDD_MtrCurrK1_Amps_G_f32[0]	4.01044703		
CDD_MtrCurrK1_Amps_G_f32[1]	6.01044703		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.010452		
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.010445		
CDD_MtrCurrQax_Amp_G_f32[1]	25.0104465		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	20.6299992		
CDD_Vecu_Volt_G_f32[1]	19.3500004		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.4000003e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.40000008e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11076		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	710		
k_MtrPosComputDelay_Sec_f32	5.60000008e-005		
k_NoofPoles_Uls_f32	3.34244037		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.7000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	100.074997		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	79.0749969		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.37400007		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD CorrMtrPosElec Rev G f32[0]	0.0848999023	0.0848999023 ± 0.0000152587890625	-
CDD CorrMtrPosElec Rev G f32[1]	0.0109564001	0.0109564001 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	-0.00487361243	-0.00487361243 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	1.55677664	1.55677664 ± 32	✓
CDD MtrCurr1 Volts G f32[1]	2.01044679	2.01044679 ± 32	-
CDD MtrCurr2 Volts G f32[0]	0.113553114	0.113553114 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	1.01044679	1.01044679 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	220	220	✓
CDD MtrCurrDax Amp G f32[1]	125.010445	125.010445	-
CDD_MtrCurrK1_Amps_G_f32[0]	566.857239	566.8573 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	6.01044703	6.01044703 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	35.65168	35.65168 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445	125.010445 ± 0.0000152587890625	-
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	25.0104465	25.0104465 ± 0.03	-

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.44 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1298	
Adc2_GetPhsCCurr_Cnt_u16_m	664	
CDD_ADC2OffsetComp_Cnt_G_u8p8	3840	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.043999998	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0112111997	
CDD_DCPhsBComp_Cnt_G_u16p0	2674	
CDD_DCPhsCComp_Cnt_G_u16p0	3004	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.0999985	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	85.0999985	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0160000008	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0170000009	
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166	
CDD_MtrCurr1_Volts_G_f32[1]	4.01070166	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00499999989	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00400000019	
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166	

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2016-07-24, 12:03:57+0530



		• "	
Name	Input Value		
CDD_MtrCurr2_Volts_G_f32[1]	4.01070166		
CDD_MtrCurrDax_Amp_G_f32[0]	-160.010696		
CDD_MtrCurrDax_Amp_G_f32[1]	120.010704		
CDD_MtrCurrK1_Amps_G_f32[0]	1.01070166		
CDD_MtrCurrK1_Amps_G_f32[1]	3.01070166		
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696		
CDD_MtrCurrK2_Amps_G_f32[1]	120.010704		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696		
CDD_MtrCurrQax_Amp_G_f32[1]	198.010696		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	21.6399994		
CDD_Vecu_Volt_G_f32[1]	20.3600006		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.50000007e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.30000003e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11207		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	720		
k_MtrPosComputDelay_Sec_f32	5.70000011e-005		
k_NoofPoles_Uls_f32	3.50456953		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.79999995		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	101.099998		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	81.0999985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.375		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.043999998	0.0439999998 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0890350342	0.0890350342 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.00849980768	0.00849980768 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	1.56654465	1.56654465 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	0.792429805	0.792429805 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	-160.010696	-160.010696	•
CDD_MtrCurrDax_Amp_G_f32[1]	220	220	•
CDD_MtrCurrK1_Amps_G_f32[0]	1.01070166	1.01070166 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	572.477478	572.477417 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696	-160.010696 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	59.7491302	59.7491302 ± 0.0000152587890625	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	•

-200.010696

220

-200.010696 ± 0.03

220 ± 0.03

Test Step 2.45 (Repeat Count = 1)		√
Name	Input Value	
Adc2 GetPhsBCurr Cnt u16 m	1309	
Adc2 GetPhsCCurr Cnt u16 m	325	
CDD_ADC2OffsetComp_Cnt_G_u8p8	4608	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0450000018	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002	
CDD_DCPhsBComp_Cnt_G_u16p0	2773	
CDD_DCPhsCComp_Cnt_G_u16p0	3114	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.125	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	79.125	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0170000009	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0179999992	
CDD_MtrCurr1_Volts_G_f32[0]	2.01095629	
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0170000009	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0179999992	
CDD_MtrCurr2_Volts_G_f32[0]	1.01095641	
CDD_MtrCurr2_Volts_G_f32[1]	2.01095629	
CDD_MtrCurrDax_Amp_G_f32[0]	-140.010956	
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558	
CDD_MtrCurrK1_Amps_G_f32[0]	2.01095629	
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629	

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

CurrDQPer1

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.010956		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0109558		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.010956		
CDD_MtrCurrQax_Amp_G_f32[1]	125.010956		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	22.6499996		
CDD_Vecu_Volt_G_f32[1]	21.3700008		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.6000001e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.40000006e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11338		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	730		
k_MtrPosComputDelay_Sec_f32	5.80000014e-005		
k_NoofPoles_Uls_f32	5.22677374		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.9000001		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	102.125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	83.125		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.37599993		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.255081177	0.255081177 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002	0.0114660002 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00790092256	-0.00790092163 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	1.57631266	1.57631266 ± 32	-
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641	1.01095641 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	0.374847382	0.374847382 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	2.01095629	2.01095629 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	-75.1119461	-75.1119461	•
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558	63.0109558	-
CDD_MtrCurrK1_Amps_G_f32[0]	689.12561	689.12561 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629	5.01095629 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-53.1417694	-53.1417694 ± 0.0000152587890625	-
CDD_MtrCurrK2_Amps_G_f32[1]	63.0109558	63.0109558 ± 0.0000152587890625	-
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	-

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

125.010956

125.010956 ± 0.03

Test Step 2.46 (Repeat Count = 1)	
Name	Input Value
Adc2 GetPhsBCurr Cnt u16 m	1320
Adc2 GetPhsCCurr Cnt u16 m	1425
CDD_ADC2OffsetComp_Cnt_G_u8p8	5376
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0460000001
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0117207998
CDD_DCPhsBComp_Cnt_G_u16p0	2872
CDD_DCPhsCComp_Cnt_G_u16p0	3224
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.1500015
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	86.1500015
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0179999992
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0189999994
CDD_MtrCurr1_Volts_G_f32[0]	2.01121116
CDD_MtrCurr1_Volts_G_f32[1]	1.01121116
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0179999992
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0189999994
CDD_MtrCurr2_Volts_G_f32[0]	1.01121116
CDD_MtrCurr2_Volts_G_f32[1]	2.01121116
CDD_MtrCurrDax_Amp_G_f32[0]	-120.011208
CDD_MtrCurrDax_Amp_G_f32[1]	25.0112114
CDD_MtrCurrK1_Amps_G_f32[0]	4.0112114
CDD_MtrCurrK1_Amps_G_f32[1]	7.0112114
CDD_MtrCurrK2_Amps_G_f32[0]	-120.011208
CDD_MtrCurrK2_Amps_G_f32[1]	25.0112114
CDD_MtrCurrQax_Amp_G_f32[0]	-160.011215
CDD_MtrCurrQax_Amp_G_f32[1]	120.011208
CDD_MtrElecPol_Cnt_G_s8	1

CurrDQPer1

2016-07-24, 12:03:57+0530



Name	Input Value		
	23.6599998		
CDD_Vecu_Volt_G_f32[0]			
CDD_Vecu_Volt_G_f32[1]	22.3799992		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.7000014e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.50000009e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11469		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	740		
k_MtrPosComputDelay_Sec_f32	5.9000018e-005		
k_NoofPoles_Uls_f32	4.65923882		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.150002		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	85.1500015		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.37700009		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0460000001	0.0460000001 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0935668945	0.0935668945 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.0118411062	0.0118411062 ± 0.0000152587890625	✓
CDD_MtrCurr1_Volts_G_f32[0]	2.01121116	2.01121116 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	1.58608067	1.58608067 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[0]	1.01121116	1.01121116 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	1.71428573	1.71428573 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-120.011208	-120.011208	✓
CDD MtrCurrDax Amp G f32[1]	220	220	~
CDD MtrCurrK1 Amps G f32[0]	4.0112114	4.0112114 ± 32	V
CDD_MtrCurrK1_Amps_G_f32[1]	617.566223	617.566162 ± 32	~
CDD MtrCurrK2 Amps G f32[0]	-120.011208	-120.011208 ± 0.0000152587890625	V
CDD_MtrCurrK2_Amps_G_f32[1]	125.325378	125.325378 ± 0.0000152587890625	~
CDD MtrCurrQax Amp G f32[0]	-160.011215	-160.011215 ± 0.03	V
CDD MtrCurrQax Amp G f32[1]	220	220 ± 0.03	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.47 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1364
Adc2_GetPhsCCurr_Cnt_u16_m	951
CDD_ADC2OffsetComp_Cnt_G_u8p8	8448
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0500000007
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0127400002
CDD_DCPhsBComp_Cnt_G_u16p0	3268
CDD_DCPhsCComp_Cnt_G_u16p0	3664
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.25
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	88.25
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0219999999
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.023
CDD_MtrCurr1_Volts_G_f32[0]	4.0122304
CDD_MtrCurr1_Volts_G_f32[1]	1.0122304
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0219999999
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.023
CDD_MtrCurr2_Volts_G_f32[0]	4.0122304
CDD_MtrCurr2_Volts_G_f32[1]	2.0122304
CDD_MtrCurrDax_Amp_G_f32[0]	-140.012238
CDD_MtrCurrDax_Amp_G_f32[1]	63.0122299
CDD_MtrCurrK1_Amps_G_f32[0]	7.0122304
CDD_MtrCurrK1_Amps_G_f32[1]	26.0122299
CDD_MtrCurrK2_Amps_G_f32[0]	-140.012238
CDD_MtrCurrK2_Amps_G_f32[1]	63.0122299
CDD_MtrCurrQax_Amp_G_f32[0]	-180.012238
CDD_MtrCurrQax_Amp_G_f32[1]	125.01223
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	27.7000008
CDD_Vecu_Volt_G_f32[1]	26.4200001
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.80000017e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.89999987e-005
MtrPos CorrectedMtrPos Rev G u0p16	0

CurrDQPer1

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



-180.012238 ± 0.03

-220 ± 0.03

Name Input Value tgt_Rte_Inst_Sa_CmMtrCurr Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 780 k_MtrPosComputDelay_Sec_f32 6.29999995e-005 k_NoofPoles_Uls_f32 5.82730293 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 1.29999995 $tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32$ 107.25 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 93.25 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32$ 2.38100004 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value **Expected Value** Result 0.0500000007 ± 0.0000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[0] 0.05000000007 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.919250488 0.919250488 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0.0161991734 ± 0.0000152587890625 0.0161991734 CDD_MtrCurr1_Volts_G_f32[0] 4.0122304 4.0122304 ± 32 CDD MtrCurr1 Volts G f32[1] 1.62515271 1.62515271 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 4.0122304 4.0122304 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 1.12087917 1.12087917 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] -140.012238 -140.012238 CDD_MtrCurrDax_Amp_G_f32[1] 220 220 CDD_MtrCurrK1_Amps_G_f32[0] 7.0122304 7.0122304 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 718.552856 718.552795 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] -140.012238 -140.012238 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 0.659367979 0.659367979 ± 0.0000152587890625

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

-180.012238

-220

Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1375	
Adc2_GetPhsCCurr_Cnt_u16_m	159	
CDD ADC2OffsetComp Cnt G u8p8	9216	
CDD_ADG2GIISetCGIIIp_CIIt_G_udp6 CDD AppDataFwdPthAccessBfr Cnt G u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.050999999	
CDD CorrMtrPosElec Rev G f32[1]	0.0129947998	
CDD_DCPhsBComp_Cnt_G_u16p0	3367	
CDD_DCPhsCComp Cnt G u16p0	3774	
CDD MRFMtrVel MtrRadpS G f32[0]	-52.2750015	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	82.2750015	
	0.023	
CDD_MtrCurr1TempOffset_Volt_G_f32[0] CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0240000002	
	0.0124851996	
CDD_MtrCurr1_Volts_G_f32[0]		
CDD_MtrCurr1_Volts_G_f32[1]	2.01248527	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.023	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0240000002	
CDD_MtrCurr2_Volts_G_f32[0]	0.0124851996	
CDD_MtrCurr2_Volts_G_f32[1]	1.01248515	
CDD_MtrCurrDax_Amp_G_f32[0]	-120.012482	
CDD_MtrCurrDax_Amp_G_f32[1]	25.0124855	
CDD_MtrCurrK1_Amps_G_f32[0]	8.0124855	
CDD_MtrCurrK1_Amps_G_f32[1]	28.0124855	
CDD_MtrCurrK2_Amps_G_f32[0]	-120.012482	
CDD_MtrCurrK2_Amps_G_f32[1]	25.0124855	
CDD_MtrCurrQax_Amp_G_f32[0]	-160.012482	
CDD_MtrCurrQax_Amp_G_f32[1]	120.012482	
CDD_MtrElecPol_Cnt_G_s8	-1	
CDD_Vecu_Volt_G_f32[0]	28.7099991	
CDD_Vecu_Volt_G_f32[1]	8.77999973	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	5.50000004e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.999999e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	65535	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
c_MtrCurrOffLoComOff_Cnt_u16	790	
C_MtrPosComputDelay_Sec_f32	6.3999998e-005	
k_NoofPoles_Uls_f32	4.50823975	
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.3999998	

2016-07-24, 12:03:57+0530



Name	Input Value		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	108.275002		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	95.2750015		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38199997		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0821075439	0.0821075439 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0129947998	0.0129947998 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	-0.00754138362	-0.00754138362 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.63492072	1.63492072 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	2.01248527	2.01248527 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.150183156	0.150183156 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	1.01248515	1.01248515 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	220	220	~
CDD_MtrCurrDax_Amp_G_f32[1]	25.0124855	25.0124855	~
CDD_MtrCurrK1_Amps_G_f32[0]	984.020691	984.02063 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	28.0124855	28.0124855 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	5.51565886	5.51565886 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	25.0124855	25.0124855 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	120.012482	120.012482 ± 0.03	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	•





Test Step 2.49 (Repeat Count = 1) Name	Input Value		
Adc2 GetPhsBCurr Cnt u16 m	1386		
Add2_GetPhsCCurr_Cnt_u16_m	753		
CDD_ADC2OffsetComp_Cnt_G_u8p8	9984		
CDD AppDataFwdPthAccessBfr Cnt G u16	1		
CDD CDDDataAccessBfr Cnt G u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0520000011		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0132496003		
CDD DCPhsBComp Cnt G u16p0	3466		
CDD_DCPhsCComp_Cnt_G_u16p0	3884		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.2999992		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	89.3000031		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0240000002		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0250000004		
CDD_MtrCurr1_Volts_G_f32[0]	1.01605237		
CDD_MtrCurr1_Volts_G_f32[1]	2.01605248		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0240000002		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0250000004		
CDD_MtrCurr2_Volts_G_f32[0]	1.01605237		
CDD_MtrCurr2_Volts_G_f32[1]	2.01605248		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.012741		
CDD_MtrCurrDax_Amp_G_f32[1]	198.012741		
CDD_MtrCurrK1_Amps_G_f32[0]	6.01274014		
CDD_MtrCurrK1_Amps_G_f32[1]	25.0127392		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.012741		
CDD_MtrCurrK2_Amps_G_f32[1]	198.012741		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.012741		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0127411		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	29.7199993		
CDD_Vecu_Volt_G_f32[1]	9.78999996		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	9.7999968e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.0999993e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	32768		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr 800		
k_MtrCurrOffLoComOff_Cnt_u16			
k_MtrPosComputDelay_Sec_f32	6.50000002e-005 2.97059679		
k_NoofPoles_Uls_f32	1.5		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	1.9		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	97.300003		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.3829999		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
		•	Result
CDD_CorrMtrPosElec_Rev_G_f32[0] CDD CorrMtrPosElec Rev G f32[1]	0.0520000011 0.418045044	0.0520000011 ± 0.0000152587890625 0.418045044 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.00862141419	0.00862141512 ± 0.0000152587890625	
CDD MtrCurr1 Volts G f32[0]	1.01605237	1.01605237 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	1.64468873	1.64468873 ± 32	j
CDD_MtrCurr2_Volts_G_f32[0]	1.01605237	1.01605237 ± 32	
CDD_MtrCurr2_Volts_G_f32[1]	0.871794879	0.871794879 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-200.012741	-200.012741	
CDD MtrCurrDax Amp G f32[1]	-220	-220	
CDD MtrCurrK1 Amps G f32[0]	6.01274014	6.01274014 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	563.91449	563.91449 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-200.012741	-200.012741 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	32.7510109	32.7510109 ± 0.0000152587890625	-
CDD_MtrCurrQax_Amp_G_f32[0]	-140.012741	-140.012741 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	_

Test Step 2.50 (Repeat Count = 1)		
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1397	
Adc2_GetPhsCCurr_Cnt_u16_m	357	
CDD_ADC2OffsetComp_Cnt_G_u8p8	10752	

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
	0		
CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0529999994		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0325555554		
CDD_DCPhsBComp_Cnt_G_u16p0	3565		
CDD_DCPhsCComp_Cnt_G_u16p0	3994		
	-52.3250008		
CDD_MRFMtrVel_MtrRadpS_G_f32[0] CDD_MRFMtrVel_MtrRadpS_G_f32[1]	83.3249969		
	-0.0250000004		
CDD_MtrCurr1TempOffset_Volt_G_f32[0] CDD MtrCurr1TempOffset Volt G f32[1]	-0.0240000002		
CDD MtrCurr1 Volts G f32[0]	2.01299477		
CDD MtrCurr1 Volts G f32[1]	1.01299477		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0250000004		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0240000002		
CDD_MtrCurr2_Volts_G_f32[0]	2.01299477		
CDD_MtrCurr2_Volts_G_f32[1]	1.01299477		
	-180.013		
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[1]	125.012993		
CDD_MtrCurrK1_Amps_G_f32[0]	7.01299477		
CDD_MtrCurrK1_Amps_G_i32[1]	27.0129948		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.013		
CDD MtrCurrK2 Amps G f32[1]	125.012993		
	-120.012993		
CDD_MtrCurrQax_Amp_G_f32[0]			
CDD_MtrCurrQax_Amp_G_f32[1]	25.0129948 -1		
CDD_MtrElecPol_Cnt_G_s8 CDD Vecu Volt G f32[0]	30.7299995		
CDD_Vecu_Volt_G_f32[1]	10.8000002		
CmMtrCurr MtrCurr1OffDelta VoltpVoltCnt M f32	0		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.1999997e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11928		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	810		
k_MtrPosComputDelay_Sec_f32	6.60000005e-005		
k_NoofPoles_Uls_f32	4.07683086		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.60000002		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	110.324997		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	99.3249969		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38400006		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD CorrMtrPosElec Rev G f32[0]	0.267120361	0.267120361 ± 0.0000152587890625	✓ ×
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0135043999	0.0135043999 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.0112101631	0.0112101631 ± 0.0000152587890625	_
CDD_MtrCurr1_Volts_G_f32[0]	1.65445673	1.65445673 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	1.01299477	1.01299477 ± 32	_
CDD MtrCurr2 Volts G f32[0]	0.384615391	0.384615391 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	1.01299477	1.01299477 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	155.378952	155.378952	•
CDD_MtrCurrDax_Amp_G_f32[1]	125.012993	125.012993	
CDD_MtrCurrK1_Amps_G_f32[0]	311.672607	311.672607 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	27.0129948	27.0129948 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	189.938965	189.938965 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	125.012993	125.012993 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	25.0129948	25.0129948 ± 0.03	~
	-		

Test Step Call Trace					V
	Actual Function	Count	Expected Function	Count	Result
	none	0	*** No Call Expected ***	0	~

Test Step 2.51 (Repeat Count = 1)	✓	
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1408	
Adc2_GetPhsCCurr_Cnt_u16_m	352	
CDD_ADC2OffsetComp_Cnt_G_u8p8	11520	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0540000014	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0137592005	
CDD_DCPhsBComp_Cnt_G_u16p0	3664	

2016-07-24, 12:03:57+0530



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5

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.52 (Repeat Count = 1)		~
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1419	
Adc2_GetPhsCCurr_Cnt_u16_m	421	
CDD_ADC2OffsetComp_Cnt_G_u8p8	12288	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0549999997	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0140140001	
CDD_DCPhsBComp_Cnt_G_u16p0	3466	
CDD_DCPhsCComp_Cnt_G_u16p0	3884	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.375	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	84.375	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.023	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219999999	

2016-07-24, 12:03:57+0530





Name	Input Value		
CDD_MtrCurr1_Volts_G_f32[0]	0.0135043999		
CDD_MtrCurr1_Volts_G_f32[1]	2.01350451		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.023		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219999999		
CDD_MtrCurr2_Volts_G_f32[0]	0.0135043999		
CDD_MtrCurr2_Volts_G_f32[1]	1.01350439		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.013504		
CDD_MtrCurrDax_Amp_G_f32[1]	63.013504		
CDD_MtrCurrK1_Amps_G_f32[0]	6.01350451		
CDD_MtrCurrK1_Amps_G_f32[1]	26.013504		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.013504		
CDD_MtrCurrK2_Amps_G_f32[1]	63.013504		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.013504		
CDD_MtrCurrQax_Amp_G_f32[1]	125.013504		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	5.75		
CDD_Vecu_Volt_G_f32[1]	12.8199997		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	7.999998e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.40000003e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	15598		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	830		
k_MtrPosComputDelay_Sec_f32	6.80000012e-005		
k_NoofPoles_Uls_f32	4.1064229		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.79999995		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.375		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	103.375		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38599992		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.32321167	0.32321167 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0140140001	0.0140140001 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.0117803011	0.0117803011 ± 0.0000152587890625	✓
CDD_MtrCurr1_Volts_G_f32[0]	1.67399275	1.67399275 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	2.01350451	2.01350451 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[0]	0.455433458	0.455433458 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	1.01350439	1.01350439 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	-220	-220	✓
CDD_MtrCurrDax_Amp_G_f32[1]	63.013504	63.013504	✓
CDD_MtrCurrK1_Amps_G_f32[0]	714.674683	714.674683 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	26.013504	26.013504 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[0]	-7.30865431	-7.30865431 ± 0.0000152587890625	✓
CDD_MtrCurrK2_Amps_G_f32[1]	63.013504	63.013504 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	125.013504	125.013504 ± 0.03	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.53 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1430
Adc2_GetPhsCCurr_Cnt_u16_m	124
CDD_ADC2OffsetComp_Cnt_G_u8p8	13056
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0560000017
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0142687997
CDD_DCPhsBComp_Cnt_G_u16p0	3664
CDD_DCPhsCComp_Cnt_G_u16p0	4104
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.4000015
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	91.4000015
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219999999
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0209999997
CDD_MtrCurr1_Volts_G_f32[0]	1.01375926
CDD_MtrCurr1_Volts_G_f32[1]	2.01375914
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0209999997
CDD_MtrCurr2_Volts_G_f32[0]	1.01375926

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_MtrCurr2_Volts_G_f32[1]	2.01375914		
CDD_MtrCurrDax_Amp_G_f32[0]	-120.013756		
CDD_MtrCurrDax_Amp_G_f32[1]	25.0137596		
CDD_MtrCurrK1_Amps_G_f32[0]	7.01375914		
CDD_MtrCurrK1_Amps_G_f32[1]	28.0137596		
CDD_MtrCurrK2_Amps_G_f32[0]	-120.013756		
CDD_MtrCurrK2_Amps_G_f32[1]	25.0137596		
CDD_MtrCurrQax_Amp_G_f32[0]	-160.013763		
CDD_MtrCurrQax_Amp_G_f32[1]	120.013756		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	6.76000023		
CDD_Vecu_Volt_G_f32[1]	13.8299999		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.19999992e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	17433		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	840		
k_MtrPosComputDelay_Sec_f32	6.90000015e-005		
k_NoofPoles_Uls_f32	3.98144245		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.8999998		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	113.400002		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	105.400002		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38700008		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0560000017	0.0560000017 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.18170166	0.18170166 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	-0.0060987738	-0.0060987738 ± 0.0000152587890625	✓
CDD_MtrCurr1_Volts_G_f32[0]	1.01375926	1.01375926 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	1.68376076	1.68376076 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[0]	1.01375926	1.01375926 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.0891330913	0.0891330913 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	-120.013756	-120.013756	✓
CDD_MtrCurrDax_Amp_G_f32[1]	140.593597	140.593597	✓
CDD_MtrCurrK1_Amps_G_f32[0]	7.01375914	7.01375914 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	417.035187	417.035156 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[0]	-120.013756	-120.013756 ± 0.0000152587890625	✓
CDD_MtrCurrK2_Amps_G_f32[1]	-36.2100029	-36.2099915 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-160.013763	-160.013763 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	_

Test Step 2.54 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1441	
Adc2_GetPhsCCurr_Cnt_u16_m	210	
CDD_ADC2OffsetComp_Cnt_G_u8p8	13824	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.057	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0145236002	
CDD_DCPhsBComp_Cnt_G_u16p0	3763	
CDD_DCPhsCComp_Cnt_G_u16p0	4214	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.4249992	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	85.4250031	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0209999997	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0199999996	
CDD_MtrCurr1_Volts_G_f32[0]	2.01401401	
CDD_MtrCurr1_Volts_G_f32[1]	1.01401401	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0209999997	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00200000009	
CDD_MtrCurr2_Volts_G_f32[0]	2.01401401	
CDD_MtrCurr2_Volts_G_f32[1]	1.01401401	
CDD_MtrCurrDax_Amp_G_f32[0]	-200.014008	
CDD_MtrCurrDax_Amp_G_f32[1]	198.014008	
CDD_MtrCurrK1_Amps_G_f32[0]	8.01401424	
CDD_MtrCurrK1_Amps_G_f32[1]	30.0140133	

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CDD MtrCurrQax Amp G f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



Input Value CDD_MtrCurrK2_Amps_G_f32[0] -200.014008 CDD_MtrCurrK2_Amps_G_f32[1] 198.014008 CDD_MtrCurrQax_Amp_G_f32[0] -140.014008 CDD_MtrCurrQax_Amp_G_f32[1] 63.0140152 CDD_MtrElecPol_Cnt_G_s8 -1 CDD_Vecu_Volt_G_f32[0] 7.76999998 CDD_Vecu_Volt_G_f32[1] 14.8400002 CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32 6.29999995e-005 CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 0.000171428997 MtrPos_CorrectedMtrPos_Rev_G_u0p16 19268 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k MtrCurrOffLoComOff Cnt u16 850 k_MtrPosComputDelay_Sec_f32 7.00000019e-005 k NoofPoles Uls f32 3 30382323 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 114.425003 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 $tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32$ 107.425003 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.38800001 $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal$ $tgt_Pim_ShCurrCal$ Name **Actual Value Expected Value** Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.37890625 $0.37890625 \pm 0.0000152587890625$ 0.0145236002 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0145236002 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0.00987801887 $0.00987801887 \pm 0.0000152587890625$ CDD_MtrCurr1_Volts_G_f32[0] 1.69352877 1.69352877 ± 32 CDD_MtrCurr1_Volts_G_f32[1] 1.01401401 1.01401401 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 0.190476194 0.190476194 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 1.01401401 1.01401401 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] -220 -220 CDD_MtrCurrDax_Amp_G_f32[1] 198.014008 198.014008 CDD_MtrCurrK1_Amps_G_f32[0] 1424.60181 1424.60181 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 30.0140133 30.0140133 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] 369.096069 369.096069 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 198.014008 198.014008 ± 0.0000152587890625

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	_

63.0140152

220 ± 0.03

63.0140152 ± 0.03

220

Test Step 2.55 (Repeat Count = 1)	
Name	Input Value
Adc2 GetPhsBCurr Cnt u16 m	1452
Adc2 GetPhsCCurr Cnt u16 m	218
CDD_ADC2OffsetComp_Cnt_G_u8p8	14592
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0579999983
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0147783998
CDD_DCPhsBComp_Cnt_G_u16p0	3862
CDD_DCPhsCComp_Cnt_G_u16p0	4324
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.4500008
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	92.4499969
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00999999978
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00899999961
CDD_MtrCurr1_Volts_G_f32[0]	2.01426888
CDD_MtrCurr1_Volts_G_f32[1]	4.01426888
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00499999989
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00600000005
CDD_MtrCurr2_Volts_G_f32[0]	1.01426876
CDD_MtrCurr2_Volts_G_f32[1]	4.01426888
CDD_MtrCurrDax_Amp_G_f32[0]	-180.014267
CDD_MtrCurrDax_Amp_G_f32[1]	125.014267
CDD_MtrCurrK1_Amps_G_f32[0]	3.01426888
CDD_MtrCurrK1_Amps_G_f32[1]	9.01426888
CDD_MtrCurrK2_Amps_G_f32[0]	-180.014267
CDD_MtrCurrK2_Amps_G_f32[1]	125.014267
CDD_MtrCurrQax_Amp_G_f32[0]	-120.014267
CDD_MtrCurrQax_Amp_G_f32[1]	25.0142689
CDD_MtrElecPol_Cnt_G_s8	1

CurrDQPer1

CDD_MtrCurrK2_Amps_G_f32[0]

CDD_MtrCurrK2_Amps_G_f32[1]

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



-180.014267 ± 0.0000152587890625

-124.910385 ± 0.0000152587890625

-120.014267 ± 0.03

220 ± 0.03

CuilDQFeii			0010
Name	Input Value		
CDD_Vecu_Volt_G_f32[0]	8.77999973		
CDD_Vecu_Volt_G_f32[1]	15.8500004		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.3999998e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	8.4999997e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	21103		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	860		
k_MtrPosComputDelay_Sec_f32	7.10000022e-005		
k_NoofPoles_Uls_f32	4.80225563		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.449997		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	109.449997		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38899994		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.057999983	0.0579999983 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.237472534	0.237472534 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	-0.00757783977	-0.00757783977 ± 0.0000152587890625	✓
CDD_MtrCurr1_Volts_G_f32[0]	2.01426888	2.01426888 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	1.70329678	1.70329678 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.01426876	1.01426876 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.1965812	0.1965812 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-180.014267	-180.014267	✓
CDD_MtrCurrDax_Amp_G_f32[1]	-65.1504593	-65.1504211	~
CDD_MtrCurrK1_Amps_G_f32[0]	3.01426888	3.01426888 ± 32	~
CDD MtrCurrK1 Amps G f32[1]	755.085693	755.085693 ± 32	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	✓

-180.014267

-124.910385

-120.014267

220

Test Step 2.56 (Repeat Count = 1)	Inv. 4 Velice
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1837
Adc2_GetPhsCCurr_Cnt_u16_m	480
CDD_ADC2OffsetComp_Cnt_G_u8p8	15360
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0590000004
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0150332004
CDD_DCPhsBComp_Cnt_G_u16p0	3961
CDD_DCPhsCComp_Cnt_G_u16p0	4434
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1.47500002
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	15.4750004
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0189999994
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0179999992
CDD_MtrCurr1_Volts_G_f32[0]	2.01452351
CDD_MtrCurr1_Volts_G_f32[1]	1.01452363
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0189999994
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0179999992
CDD_MtrCurr2_Volts_G_f32[0]	2.01452351
CDD_MtrCurr2_Volts_G_f32[1]	1.01452363
CDD_MtrCurrDax_Amp_G_f32[0]	-160.014526
CDD_MtrCurrDax_Amp_G_f32[1]	120.014526
CDD_MtrCurrK1_Amps_G_f32[0]	4.01452351
CDD_MtrCurrK1_Amps_G_f32[1]	18.0145245
CDD_MtrCurrK2_Amps_G_f32[0]	-160.014526
CDD_MtrCurrK2_Amps_G_f32[1]	120.014526
CDD_MtrCurrQax_Amp_G_f32[0]	-120.014526
CDD_MtrCurrQax_Amp_G_f32[1]	25.0145245
CDD_MtrElecPol_Cnt_G_s8	4
CDD_Vecu_Volt_G_f32[0]	9.78999996
CDD_Vecu_Volt_G_f32[1]	16.8600006
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.50000002e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.19999992e-005
MtrPos CorrectedMtrPos Rev G u0p16	1442

CurrDQPer1

CDD_MtrCurrQax_Amp_G_f32[0] CDD_MtrCurrQax_Amp_G_f32[1] 2016-07-24, 12:03:57+0530



Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	870		
k_MtrPosComputDelay_Sec_f32	0.000106		
k_NoofPoles_Uls_f32	5.30713034		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.20000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	68.4749985		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	49.4749985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42400002		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.105392456	0.105392456 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0150332004	0.0150332004 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.000414884911	0.000414884911 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	2.16971922	2.16971922 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	1.01452363	1.01452363 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[0]	0.512820542	0.512820542 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	1.01452363	1.01452363 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	220	220	•
CDD_MtrCurrDax_Amp_G_f32[1]	120.014526	120.014526	✓
CDD_MtrCurrK1_Amps_G_f32[0]	342.509766	342.509735 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	18.0145245	18.0145245 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	17.5334911	17.5335007 ± 0.0000152587890625	✓
CDD_MtrCurrK2_Amps_G_f32[1]	120.014526	120.014526 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	196.765732	196.765701 ± 0.03	✓
		The state of the s	1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

25.0145245

25.0145245 ± 0.03

Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1848 488	
Adc2_GetPhsCCurr_Cnt_u16_m	16128	
CDD_ADC2OffsetComp_Cnt_G_u8p8		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.059999987	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.015288	
CDD_DCPhsBComp_Cnt_G_u16p0	4060	
CDD_DCPhsCComp_Cnt_G_u16p0	4544	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	2.5	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	18.5	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219999999	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219999999	
CDD_MtrCurr1_Volts_G_f32[0]	2.01477838	
CDD_MtrCurr1_Volts_G_f32[1]	1.01477838	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219999999	
CDD_MtrCurr2_Volts_G_f32[0]	1.01477838	
CDD_MtrCurr2_Volts_G_f32[1]	2.01477838	
CDD_MtrCurrDax_Amp_G_f32[0]	-140.014786	
CDD_MtrCurrDax_Amp_G_f32[1]	63.0147781	
CDD_MtrCurrK1_Amps_G_f32[0]	3.01477838	
CDD_MtrCurrK1_Amps_G_f32[1]	10.0147781	
CDD_MtrCurrK2_Amps_G_f32[0]	-140.014786	
CDD_MtrCurrK2_Amps_G_f32[1]	63.0147781	
CDD_MtrCurrQax_Amp_G_f32[0]	-140.014786	
CDD_MtrCurrQax_Amp_G_f32[1]	63.0147781	
CDD_MtrElecPol_Cnt_G_s8	1	
CDD_Vecu_Volt_G_f32[0]	10.8000002	
CDD_Vecu_Volt_G_f32[1]	17.8700008	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.60000005e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.2999995e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1573	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
 <_MtrCurrOffLoComOff_Cnt_u16	880	
MtrPosComputDelay Sec f32	0.000107	
NoofPoles Uls f32	2.10435843	
gt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.2999995	

2016-07-24, 12:03:57+0530



Name	Input Value		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	70.5		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	50.5		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42499995		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0599999987	0.0599999987 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.941009521	0.941009521 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.00208278862	0.00208278885 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	2.01477838	2.01477838 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	2.17948723	2.17948723 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.01477838	1.01477838 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.518925548	0.518925548 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-140.014786	-140.014786	✓
CDD_MtrCurrDax_Amp_G_f32[1]	220	220	~
CDD_MtrCurrK1_Amps_G_f32[0]	3.01477838	3.01477838 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	587.543091	587.543091 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-140.014786	-140.014786 ± 0.0000152587890625	✓
CDD_MtrCurrK2_Amps_G_f32[1]	20.590559	20.590559 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-140.014786	-140.014786 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	•

Test Step Call Trace					0
Actual Function	Count	Expected Function	Count	Resu	lt
none	0	*** No Call Expected ***	0		•

Test Step 2.58 (Repeat Count = 1)

Input Value





Acce_CelsinaCour_Cell_ut_in_ Acce_Cell_ut_in_ Acce_		input value		
COD_ARCO/MemCorms_Cont_0_utsp8 16896	Adc2_GetPhsBCurr_Cnt_u16_m	1859		
CDD_Appolatin/ePhAcesaital Crit_G_U16	Adc2_GetPhsCCurr_Cnt_u16_m	495		
CDD_ODDBackcossR. Cr. Q. 195	CDD_ADC2OffsetComp_Cnt_G_u8p8	16896		
CDD Contifferation, Place J. (1971) CDD Contiffraction, Place J. (1971) CDD Contiffraction, Col. (2, 1950) CDD Contiffraction, Col. (2, 1950) CDD Contiffraction, Col. (2, 1950) CDD Contiffraction, Place J. (1950) CDD Coll Contiffraction, Col. (2, 1950) CDD Coll Contiffraction, Coll Coll Coll Contiffraction, Coll Coll Coll Coll Coll Coll Coll Col	CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDPHRSDermo_CRI_Q_ u18pp	CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CED_DEPHRECOMP_CRI_Q_11690	CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0610000007		
COD_DEPENCOMP CMT_Q 1959	CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0155427996		
1.5.449998	CDD_DCPhsBComp_Cnt_G_u16p0	4159		
CDD MiPrimary Expression (S. 1921)	CDD_DCPhsCComp_Cnt_G_u16p0	4654		
CDD_MICCURT_PROPRISE_VOL_G_12(2)	CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1.52499998		
CDD, Michard Temporifiest, Vol. 15, E8[21]	CDD_MRFMtrVel_MtrRadpS_G_f32[1]	16.5249996		
CDD_MICCUT_Vols_G_122[1]	CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0120000001		
CDD_MICCURT_CONS_C_ISZ[1]	CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0109999999		
CDD_Microurzempofises_Volls_G_132[1]	CDD_MtrCurr1_Volts_G_f32[0]	1.01503325		
CDD_Microur_State_Dist_G_122[1]	CDD_MtrCurr1_Volts_G_f32[1]	2.01503325		
CDD_Microur_Cyclis_G_132(1)	CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0030000003		
CDD_MRCurrDax_Amp_G_132[1]	CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0040000019		
CDD_MICurrDax_Amp_G_1220]	CDD_MtrCurr2_Volts_G_f32[0]	2.01503325		
CDD_MICurrN_Amp_6_[32[1]	CDD_MtrCurr2_Volts_G_f32[1]	1.01503325		
CDD_MCurk1_Amps_G_[32[0]	CDD_MtrCurrDax_Amp_G_f32[0]	-140.01503		
CDD_MtrCurrfs_Amps_G_f32[1]	CDD_MtrCurrDax_Amp_G_f32[1]	63.0150337		
CDD_MirCurriX_Amps_G_[32[0]	CDD_MtrCurrK1_Amps_G_f32[0]	4.01503325		
CDD_MICurrQax_Amps_G_[52(1)] -120.01503 CDD_MICurrQax_Amps_G_[52(1)] -25.0150337 CDD_MICurrQax_Amps_G_[52(1)] -25.0150337 CDD_MICurrQax_Amps_G_[52(1)] -18.0004 CDD_Vecu_Volt_G_[52(1)] -18.0004 CDD_Vecu_Volt_G_[52(1)] -18.0004 CMMICurr_MICurrOrDfleta_VoltpVoltCnt_M_[52] -1.48999996e-005 CMMICurr_MICurrOrDfleta_VoltpVoltCnt_M_[52] -1.49999996e-005 MIPPos_CorrectedMiPPos_Rev_G_u0p16 -1704 MiPpos_CorrectedMiPpos_G_u0p16 -1704 MiPpos_CorrectedMiPpos_G_u0p16 -1704 MiPpos_CorrectedMiPpos_G_u0p16 -1704 MiPpos_CorrectedMiPpos_G_u0p16 -1704 MiPpos_CorrectedMiPpos_G_u0p16 -1704 MiPpos_G_u0p16 -1704 MiPpos_G_u0p16 -1704 MiPpos_G_u0p16 -1704 MiPpos	CDD_MtrCurrK1_Amps_G_f32[1]	19.0150337		
CDD_MICurrQax_Amps_G_[52(1)] -120.01503 CDD_MICurrQax_Amps_G_[52(1)] -25.0150337 CDD_MICurrQax_Amps_G_[52(1)] -25.0150337 CDD_MICurrQax_Amps_G_[52(1)] -18.0004 CDD_Vecu_Volt_G_[52(1)] -18.0004 CDD_Vecu_Volt_G_[52(1)] -18.0004 CMMICurr_MICurrOrDfleta_VoltpVoltCnt_M_[52] -1.48999996e-005 CMMICurr_MICurrOrDfleta_VoltpVoltCnt_M_[52] -1.49999996e-005 MIPPos_CorrectedMiPPos_Rev_G_u0p16 -1704 MiPpos_CorrectedMiPpos_G_u0p16 -1704 MiPpos_CorrectedMiPpos_G_u0p16 -1704 MiPpos_CorrectedMiPpos_G_u0p16 -1704 MiPpos_CorrectedMiPpos_G_u0p16 -1704 MiPpos_CorrectedMiPpos_G_u0p16 -1704 MiPpos_G_u0p16 -1704 MiPpos_G_u0p16 -1704 MiPpos_G_u0p16 -1704 MiPpos		-140.01503		
CDD_MtrCurrQax_Amp_G_[32[1]		63.0150337		
CDD_MtrElecPol_Cnt_G_s8	CDD_MtrCurrQax_Amp_G_f32[0]	-120.01503		
CDD_Vecu_Volt_G_f32[0]	CDD MtrCurrQax Amp G f32[1]	25.0150337		
CDD_Vecu_Voit_G_[32[1]	CDD MtrElecPol Cnt G s8	-1		
CmMtrCurr_OffDetta_VoltpVoltCnt_M_f32	CDD Vecu Volt G f32[0]	11.8100004		
CmMtrCurr_OffDetta_VoltpVoltCnt_M_f32	CDD Vecu Volt G f32[1]	18.8799992		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32		1.49999996e-005		
MtPos_CorrectedMtrPos_Rev_G_u0p16 1704 1704 1704 1704 1704 1704 1704 1704 1704 1704 1704 1704 1704 1704 1704 1704 1704 1705		6.3999998e-005		
Re_Inst_Sa_CmMtrCurr				
k_MtrCurrOffLoComOff_Cnt_u16 890 k_MtrPosComputDelay_Sec_f32 0.000108 k_NoofPoles_UIs_f32 4.04976606 tgt_Pim_ShCurrCat_EOLMrCurr1OffsettLo_Volts_f32 2.4000001 tgt_Pim_ShCurrCat_EOLPhscurr1Gain_AmpspVolt_f32 72.5250015 tgt_Pim_ShCurrCat_EOLPhscurr1Gain_AmpspVolt_f32 51.5250015 tgt_Pim_ShCurrCat_EOLMrCurr2OffsettLo_Volts_f32 2.42600012 tgt_Pim_ShCurrCat_EOLMrCurrPim_ShCurrCat tgt_Pim_ShCurrCat Name Actual Value Expected Value Result CDD_CorrMtrPosEiec_Rev_G_f32[0] 0.109375 0.109375 ± 0.0000152587890625 ✓ CDD_ElecPosDelayComp_Rad_G_f32 0.000333498232 ± 0.000333498232 ± 0.0000132587890625 ✓ CDD_ElecPosDelayComp_Rad_G_f32[0] 2.18925524 2.18925524 ± 32 ✓ CDD_MtrCurr1_Volts_G_f32[1] 2.01503325 2.01503325 ± 32 ✓ CDD_MtrCurr1_Volts_G_f32[1] 2.01503325 2.01503325 ± 32 ✓ CDD_MtrCurr_Volts_G_f32[1] 1.01503325 2.01503325 ± 32 ✓ CDD_MtrCurr_Amp_G_f32[0] 220 220 20 CDD_MtrCurr_Amp_G_f32[0] 288.248108		tgt Rte Inst Sa CmMtrCurr		
k_NoofPoles_UIs_132 4.04976606 tgt_Pim_ShCurrCal.EDLMrCurr1OffsetLo_Volts_132 2.4000001 tgt_Pim_ShCurrCal.EDLPhscurr1Gain_AmpspVolt_162 72.5250015 tgt_Pim_ShCurrCal.EDLPhscurr2Gain_AmpspVolt_162 51.5250015 tgt_Pim_ShCurrCal.EDLMtrCurr2OffsetLo_Volts_162 2.42600012 tgt_Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_132[0] 0.109375 0.109375 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_132[1] 0.0155427996 0.0155427996 ± 0.0000152587890625 ✓ CDD_ElecPosDelayComp_Rad_G_132 0.000333498232 0.000333498232 ± 0.0000152587890625 ✓ CDD_MtrCurr1_Volts_G_132[0] 2.18925524 2.18925524 ± 32 ✓ CDD_MtrCurr1_Volts_G_132[1] 2.01503325 2.01503325 ± 32 ✓ CDD_MtrCurr2_Volts_G_132[0] 0.523809552 0.523809552 ± 32 ✓ CDD_MtrCurrDax_Amp_G_132[0] 220 220 220 CDD_MtrCurrDax_Amp_G_132[1] 63.0150337 63.0150337 63.0150337 ± 0.0000152587890625 ✓				

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.59 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1804	
Adc2_GetPhsCCurr_Cnt_u16_m	458	
CDD_ADC2OffsetComp_Cnt_G_u8p8	17664	

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.061999999		
CDD CorrMtrPosElec Rev G f32[1]	0.0157976002		
CDD DCPhsBComp Cnt G u16p0	4258		
CDD_DCPhsCComp_Cnt_G_u16p0	4764		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	2.54999995		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	16.5499992		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0199999996		
CDD MtrCurr1TempOffset Volt G f32[1]	-0.0199999996		
CDD MtrCurr1 Volts G f32[0]	2.01095629		
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641		
CDD MtrCurr2TempOffset Volt G f32[0]	-0.00100000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00200000009		
CDD_MtrCurr2_Volts_G_f32[0]	2.01095629		
CDD_MtrCurr2_Volts_G_f32[1]	1.01095641		
CDD_MtrCurrDax_Amp_G_f32[0]	-120.015289		
CDD_MtrCurrDax_Amp_G_f32[1]	25.0152874		
CDD MtrCurrK1 Amps G f32[0]	7.01528788		
CDD MtrCurrK1 Amps G f32[1]	28.0152874		
CDD_MtrCurrK2_Amps_G_f32[0]	-120.015289		
CDD MtrCurrK2 Amps G f32[1]	25.0152874		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.015289		
CDD_MtrCurrQax_Amp_G_f32[1]	125.015289		
CDD MtrElecPol Cnt G s8	1		
CDD_Vecu_Volt_G_f32[0]	12.8199997		
CDD_Vecu_Volt_G_f32[1]	27.7000008		
CmMtrCurr MtrCurr1OffDelta VoltpVoltCnt M f32	1.6e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.50000002e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1049		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	900		
k_MtrPosComputDelay_Sec_f32	0.000102999998		
k_NoofPoles_Uls_f32	3.28270912		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.8999998		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.5499992		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	46.5499992		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.421		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.061999999	0.061999999 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.933120728	0.933120728 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.00279793493	0.00279793493 ± 0.0000152587890625	✓
CDD_MtrCurr1_Volts_G_f32[0]	2.01095629	2.01095629 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	2.11843729	2.11843729 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[0]	2.01095629	2.01095629 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.474969506	0.474969506 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	-120.015289	-120.015289	✓
CDD_MtrCurrDax_Amp_G_f32[1]	220	220	✓
CDD_MtrCurrK1_Amps_G_f32[0]	7.01528788	7.01528788 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	464.143768	464.143768 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-120.015289	-120.015289 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	-161.505264	-161.505264 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-180.015289	-180.015289 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	-41.895813	-41.8958168 ± 0.03	~

Test Step Call Trace					✓
	Actual Function	Count	Expected Function	Count	Result
	none	0	*** No Call Expected ***	0	~

Test Step 2.60 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1815	
Adc2_GetPhsCCurr_Cnt_u16_m	465	
CDD_ADC2OffsetComp_Cnt_G_u8p8	18432	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.063000001	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0160524007	
CDD_DCPhsBComp_Cnt_G_u16p0	4357	

2016-07-24, 12:03:57+0530



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Name	Input Value		
CDD_DCPhsCComp_Cnt_G_u16p0	4874		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1.57500005		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	14.5749998		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0189999994		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0189999994		
CDD_MtrCurr1_Volts_G_f32[0]	0.0155427996		
CDD_MtrCurr1_Volts_G_f32[1]	4.01554298		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0189999994		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0189999994		
CDD_MtrCurr2_Volts_G_f32[0]	0.0155427996		
CDD_MtrCurr2_Volts_G_f32[1]	4.01554298		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.015549		
CDD_MtrCurrDax_Amp_G_f32[1]	198.015549		
CDD_MtrCurrK1_Amps_G_f32[0]	8.01554298		
CDD_MtrCurrK1_Amps_G_f32[1]	30.015543		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.015549		
CDD_MtrCurrK2_Amps_G_f32[1]	198.015549		
CDD_MtrCurrQax_Amp_G_f32[0]	-160.015549		
CDD_MtrCurrQax_Amp_G_f32[1]	120.015541		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	13.8299999		
CDD_Vecu_Volt_G_f32[1]	28.7099991		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	1.70000003e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.60000005e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1180		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	910		
k_MtrPosComputDelay_Sec_f32	0.000103999999		
k_NoofPoles_Uls_f32	2.15225244		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.5749969		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	47.5750008		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42199993		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.101364136	0.101364136 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0160524007	0.0160524007 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.000176269474	0.000176269474 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	2.1282053	2.1282053 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	4.01554298	4.01554298 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.479853511	0.479853511 ± 32	~
CDD_MtrCurr2_Volts_G_f32[1]	4.01554298	4.01554298 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	220	220	~
CDD_MtrCurrDax_Amp_G_f32[1]	198.015549	198.015549	~
CDD_MtrCurrK1_Amps_G_f32[0]	291.858002	291.858002 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	30.015543	30.015543 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	109.987984	109.987984 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	198.015549	198.015549 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	85.14254	85.1425323 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	120.015541	120.015541 ± 0.03	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.61 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1826	
Adc2_GetPhsCCurr_Cnt_u16_m	473	
CDD_ADC2OffsetComp_Cnt_G_u8p8	19200	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.064000003	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0163071994	
CDD_DCPhsBComp_Cnt_G_u16p0	4456	
CDD_DCPhsCComp_Cnt_G_u16p0	4984	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	2.5999999	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	17.6000004	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219999999	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.023	

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_MtrCurr1_Volts_G_f32[0]	1.01579762		
CDD_MtrCurr1_Volts_G_f32[1]	2.01579762		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.023		
CDD_MtrCurr2_Volts_G_f32[0]	1.01579762		
CDD_MtrCurr2_Volts_G_f32[1]	2.01579762		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.015793		
CDD_MtrCurrDax_Amp_G_f32[1]	125.0158		
CDD_MtrCurrK1_Amps_G_f32[0]	3.01579762		
CDD_MtrCurrK1_Amps_G_f32[1]	9.01579762		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.015793		
CDD_MtrCurrK2_Amps_G_f32[1]	125.0158		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.015793		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0157967		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	14.8400002		
CDD_Vecu_Volt_G_f32[1]	29.7199993		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	1.80000006e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.4999996e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1311		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	920		
k_MtrPosComputDelay_Sec_f32	0.000104999999		
k_NoofPoles_Uls_f32	3.97869086		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	66.5999985		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	48.5999985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.4230001		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD CorrMtrPosElec Rev G f32[0]	0.064000003	0.064000003 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.937255859	0.937255859 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.00367631065	0.00367631041 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	1.01579762	1.01579762 ± 32	•
CDD MtrCurr1 Volts G f32[1]	2.13797331	2.13797331 ± 32	
CDD MtrCurr2 Volts G f32[0]	1.01579762	1.01579762 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	0.485958517	0.485958517 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	-180.015793	-180.015793	✓
CDD MtrCurrDax Amp G f32[1]	220	220	
CDD_MtrCurrK1_Amps_G_f32[0]	3.01579762	3.01579762 ± 32	V
CDD_MtrCurrK1_Amps_G_f32[1]	310.365723	310.365662 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-180.015793	-180.015793 ± 0.0000152587890625	V
CDD_MtrCurrK2_Amps_G_f32[1]	-16.685545	-16.685545 ± 0.0000152587890625	-
CDD_MtrCurrQax_Amp_G_f32[0]	-140.015793	-140.015793 ± 0.03	-
CDD_MtrCurrQax_Amp_G_f32[1]	-103.805908	-103.805878 ± 0.03	-

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.62 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1430
Adc2_GetPhsCCurr_Cnt_u16_m	203
CDD_ADC2OffsetComp_Cnt_G_u8p8	19968
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0649999976
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0165619999
CDD_DCPhsBComp_Cnt_G_u16p0	0
CDD_DCPhsCComp_Cnt_G_u16p0	800
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.625
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	91.625
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0209999997
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00400000019
CDD_MtrCurr1_Volts_G_f32[0]	1.01605237
CDD_MtrCurr1_Volts_G_f32[1]	2.01605248
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0209999997
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00400000019
CDD_MtrCurr2_Volts_G_f32[0]	1.01605237

CurrDQPer1

2016-07-24, 12:03:57+0530



-120.016052 ± 0.0000152587890625

 $108.192352 \pm 0.0000152587890625$

-160.016052 ± 0.03

220 ± 0.03

Input Value CDD_MtrCurr2_Volts_G_f32[1] 2.01605248 CDD_MtrCurrDax_Amp_G_f32[0] -120.016052 CDD_MtrCurrDax_Amp_G_f32[1] 25.0160522 CDD_MtrCurrK1_Amps_G_f32[0] 7.01605225 CDD_MtrCurrK1_Amps_G_f32[1] 28.0160522 CDD_MtrCurrK2_Amps_G_f32[0] -120.016052 CDD_MtrCurrK2_Amps_G_f32[1] 25.0160522 $CDD_MtrCurrQax_Amp_G_f32[0]$ -160.016052 CDD_MtrCurrQax_Amp_G_f32[1] 120.016052 CDD_MtrElecPol_Cnt_G_s8 CDD_Vecu_Volt_G_f32[0] 15.8500004 CDD_Vecu_Volt_G_f32[1] 30.7299995 CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32 1.89999992e-005 1 6e-005 CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 MtrPos_CorrectedMtrPos_Rev_G_u0p16 17433 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 930 k_MtrPosComputDelay_Sec_f32 6.90000015e-005 k_NoofPoles_Uls_f32 2.43344188 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 1.89999998 $tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32$ 113.625 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 105.625 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32$ 2.38700008 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal **Actual Value Expected Value** Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0649999976 0.0649999976 ± 0.0000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.348739624 0.348739624 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 -0.00374643598 -0.00374643598 ± 0.0000152587890625 CDD_MtrCurr1_Volts_G_f32[0] 1.01605237 1.01605237 ± 32 CDD MtrCurr1 Volts G f32[1] 1.65079367 1.65079367 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 1.01605237 1.01605237 ± 32 CDD MtrCurr2 Volts G f32[1] 0.152625158 0.152625158 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] -120.016052 -120.016052 CDD MtrCurrDax Amp G f32[1] -45.8905716 -45.8905754 CDD_MtrCurrK1_Amps_G_f32[0] 7.01605225 7.01605225 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 230.357834 ± 32 230.357864

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	•

-120.016052

108.192352

-160.016052

220

Test Step 2.63 (Repeat Count = 1)		√
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1441	
Adc2 GetPhsCCurr Cnt u16 m	1441	
CDD ADC2OffsetComp Cnt G u8p8	20736	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0659999996	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0168168005	
CDD_DCPhsBComp_Cnt_G_u16p0	7150	
CDD_DCPhsCComp_Cnt_G_u16p0	834	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.6500015	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	85.6500015	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0199999996	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0209999997	
CDD_MtrCurr1_Volts_G_f32[0]	2.01630712	
CDD_MtrCurr1_Volts_G_f32[1]	1.01630723	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00200000009	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0209999997	
CDD_MtrCurr2_Volts_G_f32[0]	2.01630712	
CDD_MtrCurr2_Volts_G_f32[1]	1.01630723	
CDD_MtrCurrDax_Amp_G_f32[0]	-200.016312	
CDD_MtrCurrDax_Amp_G_f32[1]	198.016312	
CDD_MtrCurrK1_Amps_G_f32[0]	8.01630688	
CDD_MtrCurrK1_Amps_G_f32[1]	30.0163078	

CDD_MtrCurrK2_Amps_G_f32[0]

CDD_MtrCurrK2_Amps_G_f32[1]

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



CurrDQPer1

Test Step Call Trace
Actual Function

none

Name	Input Value		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.016312		
CDD_MtrCurrK2_Amps_G_f32[1]	198.016312		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.016312		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0163078		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	16.8600006		
CDD_Vecu_Volt_G_f32[1]	31		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	1.9999995e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.70000003e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	19268		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	940		
k_MtrPosComputDelay_Sec_f32	7.0000019e-005		
k_NoofPoles_Uls_f32	2.01812696		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	114.650002		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	107.650002		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38800001		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.211639404	0.211639404 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0168168005	0.0168168005 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.00604984071	0.00604984025 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.66056168	1.66056168 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	1.01630723	1.01630723 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	1.66056168	1.66056168 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	1.01630723	1.01630723 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	-114.751556	-114.751518	✓
CDD_MtrCurrDax_Amp_G_f32[1]	198.016312	198.016312	~
CDD_MtrCurrK1_Amps_G_f32[0]	457.325226	457.325165 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	30.0163078	30.0163078 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-230.580276	-230.580276 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	198.016312	198.016312 ± 0.0000152587890625	•
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	63.0163078	63.0163078 ± 0.03	~

Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1452	
Adc2_GetPhsCCurr_Cnt_u16_m	218	
CDD_ADC2OffsetComp_Cnt_G_u8p8	21504	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0670000017	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0170715991	
CDD_DCPhsBComp_Cnt_G_u16p0	370	
CDD_DCPhsCComp_Cnt_G_u16p0	868	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.6749992	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	92.6750031	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0189999994	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00200000009	
CDD_MtrCurr1_Volts_G_f32[0]	2.01656199	
CDD_MtrCurr1_Volts_G_f32[1]	1.01656199	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0189999994	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00200000009	
CDD_MtrCurr2_Volts_G_f32[0]	1.01656199	
CDD_MtrCurr2_Volts_G_f32[1]	2.01656199	

-180.016556

125.016563

3.01656199

9.01656246

-180.016556

125.016563

-120.016563

25.0165615

-1

Count Expected Function

0 *** No Call Expected ***

CDD_MtrCurrDax_Amp_G_f32[0]

CDD_MtrCurrDax_Amp_G_f32[1]

CDD_MtrCurrK1_Amps_G_f32[0]

CDD_MtrCurrK1_Amps_G_f32[1]

CDD_MtrCurrK2_Amps_G_f32[0]

CDD_MtrCurrK2_Amps_G_f32[1]

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

CDD_MtrElecPol_Cnt_G_s8

Count Result

CurrDQPer1

CDD_MtrCurrK1_Amps_G_f32[1]

CDD_MtrCurrK2_Amps_G_f32[0]

CDD_MtrCurrK2_Amps_G_f32[1]

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



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Name	Input Value		
CDD_Vecu_Volt_G_f32[0]	17.8700008		
CDD_Vecu_Volt_G_f32[1]	5.75		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.0999998e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.80000006e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	21103		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	950		
k_MtrPosComputDelay_Sec_f32	7.10000022e-005		
k_NoofPoles_Uls_f32	4.59762669		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.675003		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	109.675003		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38899994		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0670000017	0.0670000017 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.404174805	0.404174805 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	-0.0072916639	-0.00729166344 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	2.01656199	2.01656199 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	1.67032969	1.67032969 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.01656199	1.01656199 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	0.163614169	0.163614169 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	-180.016556	-180.016556	•
CDD_MtrCurrDax_Amp_G_f32[1]	-160.720734	-160.720764	•
CDD MtrCurrK1 Amps G f32[0]	3.01656199	3.01656199 ± 32	✓

Test Step Call Trace		V		
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

265.468781

-180.016556

102.525459

-120.016563

220

265.468811 ± 32

-120.016563 ± 0.03

220 ± 0.03

-180.016556 ± 0.0000152587890625

102.525452 ± 0.0000152587890625

Test Step 2.65 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1837
Adc2_GetPhsCCurr_Cnt_u16_m	480
CDD_ADC2OffsetComp_Cnt_G_u8p8	22272
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0680000037
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0173263997
CDD_DCPhsBComp_Cnt_G_u16p0	12
CDD_DCPhsCComp_Cnt_G_u16p0	0
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1.70000005
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	15.6999998
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219999999
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0240000002
CDD_MtrCurr1_Volts_G_f32[0]	2.01681685
CDD_MtrCurr1_Volts_G_f32[1]	4.01681662
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0240000002
CDD_MtrCurr2_Volts_G_f32[0]	2.01681685
CDD_MtrCurr2_Volts_G_f32[1]	4.01681662
CDD_MtrCurrDax_Amp_G_f32[0]	-160.016815
CDD_MtrCurrDax_Amp_G_f32[1]	120.016815
CDD_MtrCurrK1_Amps_G_f32[0]	4.01681662
CDD_MtrCurrK1_Amps_G_f32[1]	18.0168171
CDD_MtrCurrK2_Amps_G_f32[0]	-160.016815
CDD_MtrCurrK2_Amps_G_f32[1]	120.016815
CDD_MtrCurrQax_Amp_G_f32[0]	-120.016815
CDD_MtrCurrQax_Amp_G_f32[1]	25.0168171
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	18.8799992
CDD_Vecu_Volt_G_f32[1]	6.76000023
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.20000002e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.89999992e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1442

2016-07-24, 12:03:57+0530



CurrDQPer1	2010-01-24, 12:03:01 10030	RAZON	cat
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	960		
k_MtrPosComputDelay_Sec_f32	0.000106		
k_NoofPoles_Uls_f32	2.17562199		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.20000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	68.6999969		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	49.7000008		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42400002		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.938705444	0.938705444 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0173263997	0.0173263997 ± 0.0000152587890625	-
CDD_ElecPosDelayComp_Rad_G_f32	0.000196023539	0.000196023539 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	2.13675213	2.13675213 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	4.01681662	4.01681662 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	0.479853511	0.479853511 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	4.01681662	4.01681662 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	72.490181	72.4901733	~
CDD_MtrCurrDax_Amp_G_f32[1]	120.016815	120.016815	•
CDD_MtrCurrK1_Amps_G_f32[0]	54.0692978	54.0692902 ± 32	-
CDD_MtrCurrK1_Amps_G_f32[1]	18.0168171	18.0168171 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-59.5764389	-59.5764427 ± 0.0000152587890625	-
CDD_MtrCurrK2_Amps_G_f32[1]	120.016815	120.016815 ± 0.0000152587890625	-
CDD_MtrCurrQax_Amp_G_f32[0]	34.900074	34.9000778 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	25.0168171	25.0168171 ± 0.03	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Name	Input Value	
	609	
Adc2_GetPhsBCurr_Cnt_u16_m Adc2_GetPhsCCurr_Cnt_u16_m	446	
	23040	
CDD_ADC2OffsetComp_Cnt_G_u8p8	0	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16 CDD_CDDDataAccessBfr_Cnt_G_u16	0	
	i i	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00300000003	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0007644	
CDD_DCPhsBComp_Cnt_G_u16p0	0	
CDD_DCPhsCComp_Cnt_G_u16p0	7150	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.074997	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	143.074997	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0250000004	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0240000002	
CDD_MtrCurr1_Volts_G_f32[0]	2.00025487	
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475	
DD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0099999978	
DD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00899999961	
CDD_MtrCurr2_Volts_G_f32[0]	2.00015473	
CDD_MtrCurr2_Volts_G_f32[1]	2.00025487	
DD_MtrCurrDax_Amp_G_f32[0]	-120.000252	
CDD_MtrCurrDax_Amp_G_f32[1]	25.0002556	
CDD_MtrCurrK1_Amps_G_f32[0]	-200.000259	
DD_MtrCurrK1_Amps_G_f32[1]	198.000259	
DD_MtrCurrK2_Amps_G_f32[0]	-120.000252	
DD_MtrCurrK2_Amps_G_f32[1]	25.0002556	
DD_MtrCurrQax_Amp_G_f32[0]	-140.000259	
DD_MtrCurrQax_Amp_G_f32[1]	63.0002556	
DD_MtrElecPol_Cnt_G_s8	1	
DD_Vecu_Volt_G_f32[0]	7.23000002	
DD_Vecu_Volt_G_f32[1]	6.48999977	
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.50000004e-005	
htrPos_CorrectedMtrPos_Rev_G_u0p16	5046	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
MtrCurrOffLoComOff_Cnt_u16	970	
 :_MtrPosComputDelay_Sec_f32	2.49999994e-005	
_NoofPoles_Uls_f32	3.3035264	
gt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.70000005	

2016-07-24, 12:03:57+0530



Name	Input Value		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	59.0750008		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	73.0749969		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.24000001		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.994476318	0.994476318 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0007644	0.0007644 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.00504097482	0.00504097436 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	0.633699656	0.633699656 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475	1.00025475 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.434676439	0.434676439 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	2.00025487	2.00025487 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	220	220	✓
CDD_MtrCurrDax_Amp_G_f32[1]	25.0002556	25.0002556	~
CDD_MtrCurrK1_Amps_G_f32[0]	223.596558	223.596558 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	198.000259	198.000259 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	10.1515856	10.1515856 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	25.0002556	25.0002556 ± 0.0000152587890625	•
CDD_MtrCurrQax_Amp_G_f32[0]	-17.9040432	-17.9040432 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	63.0002556	63.0002556 ± 0.03	~

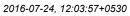
Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Resu	lt
none	0	*** No Call Expected ***	0		•



Test Step 2.67 (Repeat Count = 1)			
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1859		
Adc2_GetPhsCCurr_Cnt_u16_m	495		
CDD_ADC2OffsetComp_Cnt_G_u8p8	23808		
CDD AppDataFwdPthAccessBfr Cnt G u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD CorrMtrPosElec Rev G f32[0]	0.070000003		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0680000037		
CDD_DCPhsBComp_Cnt_G_u16p0	4159		
CDD_DCPhsCComp_Cnt_G_u16p0	4654		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1.75		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	16.75		
CDD MtrCurr1TempOffset Volt G f32[0]	-0.0199999996		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.021999999		
CDD_MtrCurr1_Volts_G_f32[0]	1.01732635		
CDD_MtrCurr1_Volts_G_f32[1]	2.01732635		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0020000009		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219999999		
CDD_MtrCurr2_Volts_G_f32[0]	2.01732635		
CDD_MtrCurr2_Volts_G_f32[1]	1.01732635		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.017334		
	63.0173264		
CDD_MtrCurrN4_Amps_C_f32[1]	4.01732635		
CDD_MtrCurrK1_Amps_G_f32[0]	19.0173264		
CDD_MtrCurrK1_Amps_G_f32[1]			
CDD_MtrCurrK2_Amps_G_f32[0]	-140.017334 63.0173264		
CDD_MtrCurrK2_Amps_G_f32[1]	-120.017326		
CDD_MtrCurrQax_Amp_G_f32[0]			
CDD_MtrCurrQax_Amp_G_f32[1]	25.0173264 -1		
CDD_MtrElecPol_Cnt_G_s8			
CDD_Vecu_Volt_G_f32[0]	9.78999996		
CDD_Vecu_Volt_G_f32[1]	16.8600006		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.4000008e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.0999998e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1704		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	980		
k_MtrPosComputDelay_Sec_f32	0.000108		
k_NoofPoles_UIs_f32	4.8907547		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.400001		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	72.75		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	51.75		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42600012		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.109405518	0.109405518 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0680000037	0.0680000037 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.000462176307	0.000462176307 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	2.15628815	2.15628815 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	2.01732635	2.01732635 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	0.490842521	0.490842521 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	1.01732635	1.01732635 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	184.649704	184.649704	•
CDD_MtrCurrDax_Amp_G_f32[1]	63.0173264	63.0173264	•
CDD_MtrCurrK1_Amps_G_f32[0]	212.939148	212.939148 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	19.0173264	19.0173264 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	31.6313877	31.6313877 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	63.0173264	63.0173264 ± 0.0000152587890625	•
CDD_MtrCurrQax_Amp_G_f32[0]	110.671188	110.671181 ± 0.03	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.68 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1452	
Adc2_GetPhsCCurr_Cnt_u16_m	218	
CDD_ADC2OffsetComp_Cnt_G_u8p8	14592	





CDD_ApplotateWrithAccessife_Cnt_G_u16	Name	Input Value		
CDD_ContMirPosellec_Rev_G_152[1]	CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_COMINFORSICE_Rev_G_132(1) 0.147783998 CDD_DCPNBComp_Cnt_G_u16p0 768 CDD_MCPNBComp_Cnt_G_u16p0 44.4500008 CDD_MRFMIN'el_MRradpS_G_132(0) 44.4500008 CDD_MRFMIN'el_MRradpS_G_132(1) 92.4499099 CDD_MCCurtTempOffset_Volt_G_132(1) 9.0099999978 CDD_MCCurtTempOffset_Volt_G_132(1) 4.00999999978 CDD_MCCurtTempOffset_Volt_G_132(1) 4.009999999999 CDD_MCCurtTempOffset_Volt_G_132(1) 4.00899999999999999999999999999999999999	CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_ DCPhacComp_Cnt_G_u16p0 840 768	CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0579999983		
CDD_DCPhsCComp_CnL_G_u16p0	CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0147783998		
CDD_MRFMr/vei_MirRadpS_G_[32[1] 92.4499689 92.4499689 92.4499689 92.4499689 92.4499689 92.4499689 92.4499689 92.4499689 92.4499689 92.4499689 92.4499689 92.448688 92.4486	CDD_DCPhsBComp_Cnt_G_u16p0	840		
CDD_MRFMMYel_MrfradpS c_0.2[1] 92.4499969	CDD_DCPhsCComp_Cnt_G_u16p0	766		
CDD_MtrCurrTempOffset_Volt_G_f32[1]	CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.4500008		
CDD_MtrCurrT TempOffset_Voit_G_[32[1] 2,01426888 2,01426888 2,01426888 2,01426888 2,01426888 2,01426888 2,01426888 2,01426888 2,001426888 2,001426888 2,001426888 2,001426888 2,001426888 2,001426888 2,001426888 2,001426888 2,001426888 2,001426888 2,001426888 2,001426888 2,001426898 2,001426898 2,001426898 2,001426898 2,001426898 2,001426898 2,001426898 2,00142699 2,0014269	CDD_MRFMtrVel_MtrRadpS_G_f32[1]	92.4499969		
CDD_MtrCurr1_Volts_G_[32[0] 2.01426888	CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00999999978		
CDD_MtrCurrT_volts_G_f32[1]	CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00899999961		
CDD_MtrCurr2TempOffset_Volt_G_[32[0] 0.0049999989 CDD_MtrCurr2TempOffset_Volt_G_[32[1] 0.008000000056 CDD_MtrCurr2_Volts_G_[32[0] 1.01428786 CDD_MtrCurr2_Volts_G_[32[0] 1.01428788 CDD_MtrCurr2_Volts_G_[32[0] 1.01428788 CDD_MtrCurrDax_Amp_G_[32[0] 1.0142878 CDD_MtrCurrDax_Amp_G_[32[0] 1.0142878 CDD_MtrCurrX_Amp_G_[32[0] 1.01428788 CDD_MtrCurrX_Amp_G_[32[0] 1.01428788 CDD_MtrCurrX_Amp_G_[32[0] 1.01428788 CDD_MtrCurrX_Amp_G_[32[0] 1.014287 CDD_MtrCurrX_Amp_G_[32[0]	CDD_MtrCurr1_Volts_G_f32[0]	2.01426888		
CDD_MtrCurr2 Volts_G [732[1] 0.00600000005	CDD_MtrCurr1_Volts_G_f32[1]	4.01426888		
CDD_MtrCurr2_Volts_G_132[0]	CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00499999989		
CDD_MtrCurrQ_volts_G_[32[1] 4.01426888	CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00600000005		
CDD_MtrCurrDax_Amp_G_[32[0] 180.014267 125.014267 125.014267 125.014267 125.0142688 125.0142688 125.0142688 125.014267 125.0142688 125.014267 125.014269 125.014	CDD_MtrCurr2_Volts_G_f32[0]	1.01426876		
DD_MtrCurrDax_Amp_G_f32[1] 125.014267	CDD_MtrCurr2_Volts_G_f32[1]	4.01426888		
CDD_MtrCurrK1_Amps_G_f32[0] 3.01426888	CDD_MtrCurrDax_Amp_G_f32[0]	-180.014267		
DD_MtrCurrK1_Amps_G_f32[1] 9.01426888	CDD_MtrCurrDax_Amp_G_f32[1]	125.014267		
CDD_MtrCurrK2_Amps_G_f32[0]	CDD_MtrCurrK1_Amps_G_f32[0]	3.01426888		
Description	CDD_MtrCurrK1_Amps_G_f32[1]	9.01426888		
CDD MtrCurrQax_Amp_G_f32[0]	CDD_MtrCurrK2_Amps_G_f32[0]	-180.014267		
CDD_MtrCurQax_Amp_G_f32[1] 25.0142689 CDD_MtrElecPol_Cnt_G_s8 1 CDD_Vecu_Volt_G_f32[0] 8.77999973 CDD_Vecu_Volt_G_f32[1] 15.8500004 CDM_trCurr_MtrCurrOffDelta_VoltpVoltCnt_M_f32 6.3999998e-005 CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 8.4999997e-005 MtrPos_CorrectedMtrPos_Rev_G_u0p16 21103 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 500 k_MtrPosComputDelay_Sec_f32 7.10000022e-005 k_NoofPoles_Uls_f32 2.0648644 tgt_Pim_ShCurrCal.EOLMtrCurr1Offsett.o_Volts_f32 2.0999999 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 115.449997 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 109.449997 tgt_Pim_ShCurrCal.EOLMtrCurr2Offsett.o_Volts_f32 2.38899994 tgt_Pim_ShCurrCal.EOLMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	CDD_MtrCurrK2_Amps_G_f32[1]	125.014267		
CDD_MtrElecPol_Cnt_G_s8	CDD_MtrCurrQax_Amp_G_f32[0]	-120.014267		
CDD_Vecu_Volt_G_f32[0] 8.77999973 CDD_Vecu_Volt_G_f32[1] 15.8500004 CmMtrCurr_MtrCurr10ffDelta_VoltpVoltCnt_M_f32 6.39999998e-005 CmMtrCurr_MtrCurr20ffDelta_VoltpVoltCnt_M_f32 8.49999997e-005 MtrPos_CorrectedMtrPos_Rev_G_u0p16 21103 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrPosComptDelay_Sec_f32 7.10000022e-005 k_NonPoles_Uls_f32 2.0648644 tgt_Pim_ShCurrCal_EOLMtrCurr10ffsetLo_Volts_f32 2.0999999 tgt_Pim_ShCurrCal_EOLPhscurr1Gain_AmpspVolt_f32 115.449997 tgt_Pim_ShCurrCal_EOLBhccurr2Gain_AmpspVolt_f32 109.449997 tgt_Pim_ShCurrCal_EOLMtrCurr2OffsetLo_Volts_f32 2.38899994 tgt_Pim_ShCurrCal_EOLMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	CDD_MtrCurrQax_Amp_G_f32[1]	25.0142689		
CDD_Vecu_Voit_G_f32[1] 15.8500004 CmMtrCurr_MtrCurr1OffDelta_VoitpVoitCnt_M_f32 6.3999998e-005 CmMtrCurr_MtrCurr2OffDelta_VoitpVoitCnt_M_f32 8.4999997e-005 MtrPos_CorrectedMtrPos_Rev_G_u0p16 21103 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 500 k_MtrPosComputDelay_Sec_f32 7.10000022e-005 k_NoofPoles_Uls_f32 2.0648644 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Voits_f32 2.0999999 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVoit_f32 115.449997 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVoit_f32 109.449997 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Voits_f32 2.3889994 tgt_Pim_ShCurrCal.EOLMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	CDD_MtrElecPol_Cnt_G_s8	1		
CmMtrCurr_MtrCurrOffDelta_VoltpVoltCnt_M_f32 6.3999998e-005 CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 8.4999997e-005 MtrPos_CorrectedMtrPos_Rev_G_u0p16 21103 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 500 k_MtrPosComputDelay_Sec_f32 7.10000022e-005 k_NoofPoles_UIs_f32 2.0648644 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.0999999 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 115.449997 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 109.449997 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.38899994 tgt_Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	CDD_Vecu_Volt_G_f32[0]	8.77999973		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 8.4999997e-005 MtrPos_CorrectedMtrPos_Rev_G_u0p16 21103 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 500 k_MtrPosComputDelay_Sec_f32 7.10000022e-005 k_NoofPoles_Uls_f32 2.0648644 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.0999999 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 115.449997 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 109.449997 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.38899994 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	CDD_Vecu_Volt_G_f32[1]	15.8500004		
MtrPos_CorrectedMtrPos_Rev_G_u0p16 21103 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 500 k_MtrPosComputDelay_Sec_f32 7.10000022e-005 k_NoofPoles_Uls_f32 2.0648644 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.0999999 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 115.449997 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 109.449997 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.38899994 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.3999998e-005		
Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 500 k_MtrPosComputDelay_Sec_f32 7.10000022e-005 k_NoofPoles_Uls_f32 2.0648644 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.0999999 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 115.449997 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 109.449997 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.38899994 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	8.49999997e-005		
k_MtrCurrOffLoComOff_Cnt_u16 500 k_MtrPosComputDelay_Sec_f32 7.10000022e-005 k_NoofPoles_Uls_f32 2.0648644 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.0999999 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 115.449997 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 109.449997 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.38899994 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	MtrPos_CorrectedMtrPos_Rev_G_u0p16	21103		
k_MtrPosComputDelay_Sec_f32 7.10000022e-005 k_NoofPoles_Uls_f32 2.0648644 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.0999999 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 115.449997 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 109.449997 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.38899994 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_NoofPoles_Uls_f32 2.0648644 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.0999999 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 115.449997 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 109.449997 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.38899994 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	k_MtrCurrOffLoComOff_Cnt_u16	500		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 ± 0.0000152587890625	k_MtrPosComputDelay_Sec_f32	7.10000022e-005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 115.449997 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 109.449997 tgt_Pim_ShCurrCal.EOLMtrCurr2Offsett_o_Volts_f32 2.38899994 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	k_NoofPoles_Uls_f32	2.0648644		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_volts_f32 tgt_Pim_ShCurrCal tgt_Pim_ShCurrCal tgt_Pim_ShCurrCal tgt_Pim_ShCurrCal Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.449997		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	109.449997		
Name Actual Value Expected Value Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 ✓ CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625 ✓	tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38899994		
CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0579999983 0.0579999983 ± 0.0000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625	tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
CDD_CorrMtrPosElec_Rev_G_f32[1] 0.23815918 0.23815918 ± 0.0000152587890625	Name	Actual Value	Expected Value	Result
	CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0579999983	0.0579999983 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	CDD_CorrMtrPosElec_Rev_G_f32[1]	0.23815918	0.23815918 ± 0.0000152587890625	•
	CDD_ElecPosDelayComp_Rad_G_f32	-0.00325830467	-0.00325830467 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0] 2.01426888 ± 32 ✓	CDD_MtrCurr1_Volts_G_f32[0]	2.01426888	2.01426888 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1] 1.70329678 ± 32 ✓	CDD_MtrCurr1_Volts_G_f32[1]	1.70329678	1.70329678 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0] 1.01426876 ± 32 ✓	CDD_MtrCurr2_Volts_G_f32[0]	1.01426876	1.01426876 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1] 0.1965812 0.1965812	CDD_MtrCurr2_Volts_G_f32[1]	0.1965812	0.1965812 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0] -180.014267 -180.014267	CDD_MtrCurrDax_Amp_G_f32[0]	-180.014267	-180.014267	~
CDD_MtrCurrDax_Amp_G_f32[1] -94.2807541 -94.2807541 ✓	CDD_MtrCurrDax_Amp_G_f32[1]	-94.2807541	-94.2807541	•
CDD_MtrCurrK1_Amps_G_f32[0] 3.01426888 ± 32 ✓	CDD_MtrCurrK1_Amps_G_f32[0]	3.01426888	3.01426888 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1] 330.180817 330.180817 ± 32	CDD_MtrCurrK1_Amps_G_f32[1]	330.180817	330.180817 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0] -180.014267 -180.014267 ± 0.0000152587890625 ✓	CDD_MtrCurrK2_Amps_G_f32[0]	-180.014267	-180.014267 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1] -119.152496 -119.152496 ± 0.0000152587890625 ✓	CDD_MtrCurrK2_Amps_G_f32[1]	-119.152496	-119.152496 ± 0.0000152587890625	~
	CDD_MtrCurrQax_Amp_G_f32[0]	-120 014267	-120 014267 + 0 03	V
		-120.014201	-120.014207 ± 0.03	-

Test Step Call Trace					
	Actual Function	Count	Expected Function	Count	Result
	none	0	*** No Call Expected ***	0	~

Test Step 2.69 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1837	
Adc2_GetPhsCCurr_Cnt_u16_m	480	
CDD_ADC2OffsetComp_Cnt_G_u8p8	15360	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0590000004	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0150332004	
CDD_DCPhsBComp_Cnt_G_u16p0	3961	

CurrDQPer1

2016-07-24, 12:03:57+0530



Input Value CDD_DCPhsCComp_Cnt_G_u16p0 4434 CDD_MRFMtrVel_MtrRadpS_G_f32[0] 1.47500002 CDD_MRFMtrVel_MtrRadpS_G_f32[1] 15.4750004 CDD_MtrCurr1TempOffset_Volt_G_f32[0] -0.0189999994 CDD MtrCurr1TempOffset_Volt_G_f32[1] -0.0179999992 CDD_MtrCurr1_Volts_G_f32[0] 2.01452351 CDD_MtrCurr1_Volts_G_f32[1] 1.01452363 -0.0189999994 $CDD_MtrCurr2TempOffset_Volt_G_f32[0]$ CDD_MtrCurr2TempOffset_Volt_G_f32[1] -0.0179999992 CDD_MtrCurr2_Volts_G_f32[0] 2 01452351 CDD_MtrCurr2_Volts_G_f32[1] 1.01452363 CDD_MtrCurrDax_Amp_G_f32[0] -160 014526 CDD_MtrCurrDax_Amp_G_f32[1] 120.014526 CDD_MtrCurrK1_Amps_G_f32[0] 4 01452351 CDD_MtrCurrK1_Amps_G_f32[1] 18.0145245 CDD_MtrCurrK2_Amps_G_f32[0] -160.014526 CDD_MtrCurrK2_Amps_G_f32[1] 120.014526 CDD_MtrCurrQax_Amp_G_f32[0] -120.014526 CDD_MtrCurrQax_Amp_G_f32[1] 25.0145245 CDD_MtrElecPol_Cnt_G_s8 -1 CDD_Vecu_Volt_G_f32[0] 9.78999996 CDD_Vecu_Volt_G_f32[1] 16.8600006 6.50000002e-005 CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32 CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 6.19999992e-005 MtrPos_CorrectedMtrPos_Rev_G_u0p16 1442 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k MtrCurrOffLoComOff Cnt u16 1500 $k_MtrPosComputDelay_Sec_f32$ 0.000106 k NoofPoles Uls f32 5.06752682 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.20000005 tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32 68.4749985 $tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32$ 49 4749985 tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32 2.42400002 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Actual Value Name **Expected Value** Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.105392456 0.105392456 ± 0.0000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0150332004 0.0150332004 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0.000396153919 $0.000396153919 \pm 0.0000152587890625$ CDD_MtrCurr1_Volts_G_f32[0] 2.16971922 ± 32 2.16971922 CDD_MtrCurr1_Volts_G_f32[1] 1.01452363 1.01452363 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 0.512820542 ± 32 0.512820542 CDD_MtrCurr2_Volts_G_f32[1] 1.01452363 1.01452363 ± 32 **V** 220 CDD_MtrCurrDax_Amp_G_f32[0] 220 CDD_MtrCurrDax_Amp_G_f32[1] 120.014526 120.014526 **V** CDD_MtrCurrK1_Amps_G_f32[0] 296.138977 296.138977 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 18.0145245 18.0145245 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] 22.4597664 22.4597664 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 120 014526 + 0 0000152587890625 120 014526

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

164.369431

25 0145245

164.369431 ± 0.03

Test Step 2.70 (Repeat Count = 1)		V
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1848	
Adc2_GetPhsCCurr_Cnt_u16_m	488	
CDD_ADC2OffsetComp_Cnt_G_u8p8	16128	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0599999987	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.015288	
CDD_DCPhsBComp_Cnt_G_u16p0	4060	
CDD_DCPhsCComp_Cnt_G_u16p0	4544	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	2.5	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	18.5	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219999999	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219999999	

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_MtrCurr1_Volts_G_f32[0]	2.01477838		
CDD_MtrCurr1_Volts_G_f32[1]	1.01477838		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219999999		
CDD_MtrCurr2_Volts_G_f32[0]	1.01477838		
CDD_MtrCurr2_Volts_G_f32[1]	2.01477838		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.014786		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0147781		
CDD_MtrCurrK1_Amps_G_f32[0]	3.01477838		
CDD_MtrCurrK1_Amps_G_f32[1]	10.0147781		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.014786		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0147781		
CDD_MtrCurrQax_Amp_G_f32[0]	-140.014786		
CDD_MtrCurrQax_Amp_G_f32[1]	63.0147781		
CDD MtrElecPol Cnt G s8	1		
CDD Vecu Volt G f32[0]	10.8000002		
CDD_Vecu_Volt_G_f32[1]	17.8700008		
CmMtrCurr MtrCurr1OffDelta VoltpVoltCnt M f32	6.60000005e-005		
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	6.2999995e-005		
MtrPos CorrectedMtrPos Rev G u0p16	1573		
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	658		
k MtrPosComputDelay Sec f32	0.000107		
k NoofPoles Uls f32	3.223979		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.2999995		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	70.5		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	50.5		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.42499995		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.059999987	0.0599999987 ± 0.0000152587890625	
CDD CorrMtrPosElec Rev G f32[1]	0.941177368	0.941177368 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.00319093326	0.00319093326 ± 0.0000152587890625	
CDD MtrCurr1 Volts G f32[0]	2.01477838	2.01477838 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	2.17948723	2.17948723 ± 32	
CDD MtrCurr2 Volts G f32[0]	1.01477838	1.01477838 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	0.518925548	0.518925548 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-140.014786	-140.014786	•
CDD_MtrCurrDax_Amp_G_f32[1]	220	220	
CDD_MtrCurrK1_Amps_G_f32[0]	3.01477838	3.01477838 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	618.623657	618.623657 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-140.014786	-140.014786 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	23.9609241	23.9609241 ± 0.0000152587890625	
CDD_MtrCurrQax_Amp_G_f32[0]	-140.014786	-140.014786 ± 0.03	•
CDD MtrCurrQax Amp G f32[1]	-220	-220 ± 0.03	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.71 (Repeat Count = 1)		✓
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	1287	
Adc2_GetPhsCCurr_Cnt_u16_m	105	
CDD_ADC2OffsetComp_Cnt_G_u8p8	0	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0430000015	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0109564001	
CDD_DCPhsBComp_Cnt_G_u16p0	2575	
CDD_DCPhsCComp_Cnt_G_u16p0	2894	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.0750008	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	78.0749969	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0149999997	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0160000008	
CDD_MtrCurr1_Volts_G_f32[0]	0.0104467999	
CDD_MtrCurr1_Volts_G_f32[1]	2.01044679	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0099999978	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0109999999	
CDD_MtrCurr2_Volts_G_f32[0]	0.0104467999	

CurrDQPer1

2016-07-24, 12:03:57+0530



Input Value CDD_MtrCurr2_Volts_G_f32[1] 1.01044679 CDD_MtrCurrDax_Amp_G_f32[0] -180.010452 CDD_MtrCurrDax_Amp_G_f32[1] 125.010445 CDD_MtrCurrK1_Amps_G_f32[0] 4.01044703 CDD_MtrCurrK1_Amps_G_f32[1] 6.01044703 CDD_MtrCurrK2_Amps_G_f32[0] -180.010452 CDD_MtrCurrK2_Amps_G_f32[1] 125.010445 CDD_MtrCurrQax_Amp_G_f32[0] -120.010445 CDD_MtrCurrQax_Amp_G_f32[1] 25.0104465 CDD_MtrElecPol_Cnt_G_s8 CDD_Vecu_Volt_G_f32[0] 20.6299992 CDD_Vecu_Volt_G_f32[1] 19.3500004 CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32 4.40000003e-005 2.40000008e-005 CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 MtrPos_CorrectedMtrPos_Rev_G_u0p16 11076 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 710 k_MtrPosComputDelay_Sec_f32 5.60000008e-005 k_NoofPoles_Uls_f32 5.39541674 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.70000005 $tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32$ 100.074997 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 79.0749969 tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32 2.37400007 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal **Actual Value Expected Value** Result CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0844268799 0.0844268799 ± 0.0000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.0109564001 $0.0109564001 \pm 0.0000152587890625$ CDD_ElecPosDelayComp_Rad_G_f32 -0.00786705781 -0.00786705781 ± 0.0000152587890625 CDD_MtrCurr1_Volts_G_f32[0] 1.57142866 1.57142866 ± 32 CDD MtrCurr1 Volts G f32[1] 2.01044679 2.01044679 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 0.128205135 0.128205135 ± 32 CDD MtrCurr2 Volts G f32[1] 1.01044679 1.01044679 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] 220 220 CDD MtrCurrDax Amp G f32[1] 125.010445 125.010445 CDD_MtrCurrK1_Amps_G_f32[0] 564.2323 564.232361 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 6.01044703 6.01044703 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] 35,4740334 35.4740334 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 125.010445 $125.010445 \pm 0.0000152587890625$ CDD_MtrCurrQax_Amp_G_f32[0] 220 220 ± 0.03

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	•

25.0104465

25.0104465 ± 0.03

Test Step 2.72 (Repeat Count = 1)		√
Name	Input Value	
Adc2 GetPhsBCurr Cnt u16 m	1298	
Adc2_GetPhsCCurr_Cnt_u16_m	664	
CDD_ADC2OffsetComp_Cnt_G_u8p8	65280	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.043999998	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0112111997	
CDD_DCPhsBComp_Cnt_G_u16p0	2674	
CDD_DCPhsCComp_Cnt_G_u16p0	3004	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.0999985	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	85.0999985	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0160000008	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0170000009	
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166	
CDD_MtrCurr1_Volts_G_f32[1]	4.01070166	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00499999989	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00400000019	
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166	
CDD_MtrCurr2_Volts_G_f32[1]	4.01070166	
CDD_MtrCurrDax_Amp_G_f32[0]	-160.010696	
CDD_MtrCurrDax_Amp_G_f32[1]	120.010704	
CDD_MtrCurrK1_Amps_G_f32[0]	1.01070166	
CDD_MtrCurrK1_Amps_G_f32[1]	3.01070166	

CDD_MtrCurrQax_Amp_G_f32[1]

CurrDQPer1

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



Name	Input Value		
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696		
CDD_MtrCurrK2_Amps_G_f32[1]	120.010704		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696		
CDD_MtrCurrQax_Amp_G_f32[1]	198.010696		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	21.6399994		
CDD_Vecu_Volt_G_f32[1]	20.3600006		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.50000007e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.30000003e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11207		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	720		
k_MtrPosComputDelay_Sec_f32	5.70000011e-005		
k_NoofPoles_Uls_f32	2.66000009		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.7999995		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	101.099998		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	81.0999985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.375		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.043999998	0.0439999998 ± 0.0000152587890625	✓
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0886993408	0.0886993408 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.0064514312	0.0064514312 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	1.27350438	1.27350438 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.499389529	0.499389529 ± 32	✓
CDD_MtrCurrDax_Amp_G_f32[0]	-160.010696	-160.010696	✓
CDD_MtrCurrDax_Amp_G_f32[1]	220	220	✓
CDD_MtrCurrK1_Amps_G_f32[0]	1.01070166	1.01070166 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	625.869385	625.869385 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696	-160.010696 ± 0.0000152587890625	✓
CDD_MtrCurrK2_Amps_G_f32[1]	63.1328773	63.1328773 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696	-200.010696 ± 0.03	✓

Test Step Call Trace						•
	Actual Function	Count	Expected Function	Count	Resu	lt
	none	0	*** No Call Expected ***	0		•

220 ± 0.03

220

Name	Input Value
Adc2 GetPhsBCurr Cnt u16 m	1309
Adc2 GetPhsCCurr Cnt u16 m	325
CDD ADC2OffsetComp Cnt G u8p8	8960
CDD AppDataFwdPthAccessBfr Cnt G u16	0
CDD CDDDataAccessBfr Cnt G u16	0
CDD CorrMtrPosElec Rev G f32[0]	0.0450000018
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002
CDD DCPhsBComp Cnt G u16p0	2773
CDD_DCPhsCComp_Cnt_G_u16p0	3114
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.125
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	79.125
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0170000009
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0179999992
CDD_MtrCurr1_Volts_G_f32[0]	2.01095629
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0170000009
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0179999992
CDD_MtrCurr2_Volts_G_f32[0]	1.01095641
CDD_MtrCurr2_Volts_G_f32[1]	2.01095629
CDD_MtrCurrDax_Amp_G_f32[0]	-140.010956
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558
CDD_MtrCurrK1_Amps_G_f32[0]	2.01095629
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629
DD_MtrCurrK2_Amps_G_f32[0]	-140.010956
DD_MtrCurrK2_Amps_G_f32[1]	63.0109558
CDD_MtrCurrQax_Amp_G_f32[0]	-180.010956
CDD_MtrCurrQax_Amp_G_f32[1]	125.010956
CDD_MtrElecPol_Cnt_G_s8	-1

CDD_MtrCurrK2_Amps_G_f32[0]

CDD_MtrCurrK2_Amps_G_f32[1]

CDD_MtrCurrQax_Amp_G_f32[0]

CDD_MtrCurrQax_Amp_G_f32[1]

2016-07-24, 12:03:57+0530



-53.3694801 ± 0.0000152587890625

63.0109558 ± 0.0000152587890625

220 ± 0.03

125.010956 ± 0.03

CurrDQPer1	2010-07-24, 12.03.37 10330	Razor	cat
Name	Input Value		
CDD_Vecu_Volt_G_f32[0]	22.6499996		
CDD_Vecu_Volt_G_f32[1]	21.3700008		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.6000001e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.40000006e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11338		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	730		
k_MtrPosComputDelay_Sec_f32	5.80000014e-005		
k_NoofPoles_Uls_f32	3.5999999		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.9000001		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	102.125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	83.125		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.37599993		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.255462646	0.255462646 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002	0.0114660002 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	-0.00544185005	-0.00544185005 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	1.5555558	1.55555558 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641	1.01095641 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.354090363	0.354090363 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	2.01095629	2.01095629 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-77.1181488	-77.1181335	✓
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558	63.0109558	•
CDD_MtrCurrK1_Amps_G_f32[0]	692.970825	692.970886 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629	5.01095629 ± 32	•
ODD 141 0 160 1 0 600503			

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	_

-53.3694801

63.0109558

125.010956

220

Test Step 2.74 (Repeat Count = 1)	
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1287
Adc2_GetPhsCCurr_Cnt_u16_m	105
CDD_ADC2OffsetComp_Cnt_G_u8p8	0
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0430000015
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0109564001
CDD_DCPhsBComp_Cnt_G_u16p0	2575
CDD_DCPhsCComp_Cnt_G_u16p0	2894
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.0750008
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	78.0749969
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0149999997
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0160000008
CDD_MtrCurr1_Volts_G_f32[0]	0.0104467999
CDD_MtrCurr1_Volts_G_f32[1]	2.01044679
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0099999978
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0109999999
CDD_MtrCurr2_Volts_G_f32[0]	0.0104467999
CDD_MtrCurr2_Volts_G_f32[1]	1.01044679
CDD_MtrCurrDax_Amp_G_f32[0]	-180.010452
CDD_MtrCurrDax_Amp_G_f32[1]	125.010445
CDD_MtrCurrK1_Amps_G_f32[0]	4.01044703
CDD_MtrCurrK1_Amps_G_f32[1]	6.01044703
CDD_MtrCurrK2_Amps_G_f32[0]	-180.010452
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445
CDD_MtrCurrQax_Amp_G_f32[0]	-120.010445
CDD_MtrCurrQax_Amp_G_f32[1]	25.0104465
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	20.6299992
CDD_Vecu_Volt_G_f32[1]	19.3500004
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.40000003e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.40000008e-005
MtrPos CorrectedMtrPos Rev G u0p16	11076

CurrDQPer1

2016-07-24, 12:03:57+0530



Name	Input Value		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k MtrCurrOffLoComOff Cnt u16	710		
k MtrPosComputDelay Sec f32	5.60000008e-005		
k NoofPoles Uls f32	2		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.70000005		
tqt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	100.074997		
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	79.0749969		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.37400007		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0852203369	0.0852203369 ± 0.0000152587890625	~
CDD CorrMtrPosElec Rev G f32[1]	0.0109564001	0.0109564001 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	-0.00291620009	-0.00291620009 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.57142866	1.57142866 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	2.01044679	2.01044679 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.128205135	0.128205135 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	1.01044679	1.01044679 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	220	220	•
CDD_MtrCurrDax_Amp_G_f32[1]	125.010445	125.010445	~
CDD_MtrCurrK1_Amps_G_f32[0]	564.2323	564.232361 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	6.01044703	6.01044703 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	35.4740334	35.4740334 ± 0.0000152587890625	✓
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445	125.010445 ± 0.0000152587890625	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	25.0104465	25.0104465 ± 0.03	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Name	Input Value	
	1298	
Adc2_GetPhsBCurr_Cnt_u16_m Adc2_GetPhsCCurr_Cnt_u16_m	664	
	65280	
CDD_ADC2OffsetComp_Cnt_G_u8p8	1	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16 CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.043999998	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0112111997	
CDD_DCPhsBComp_Cnt_G_u16p0	2674	
CDD_DCPhsCComp_Cnt_G_u16p0	3004	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.099985	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	85.099985	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0160000008	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0170000009	
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166	
CDD_MtrCurr1_Volts_G_f32[1]	4.01070166	
DD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00499999989	
DD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00400000019	
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166	
CDD_MtrCurr2_Volts_G_f32[1]	4.01070166	
CDD_MtrCurrDax_Amp_G_f32[0]	-160.010696	
CDD_MtrCurrDax_Amp_G_f32[1]	120.010704	
DD_MtrCurrK1_Amps_G_f32[0]	1.01070166	
DD_MtrCurrK1_Amps_G_f32[1]	3.01070166	
DD_MtrCurrK2_Amps_G_f32[0]	-160.010696	
DD_MtrCurrK2_Amps_G_f32[1]	120.010704	
DD_MtrCurrQax_Amp_G_f32[0]	-200.010696	
DD_MtrCurrQax_Amp_G_f32[1]	198.010696	
DD_MtrElecPol_Cnt_G_s8	1	
CDD_Vecu_Volt_G_f32[0]	21.6399994	
DD_Vecu_Volt_G_f32[1]	20.3600006	
cmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.50000007e-005	
cmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.30000003e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11207	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
_MtrCurrOffLoComOff_Cnt_u16	720	
MtrPosComputDelay_Sec_f32	5.70000011e-005	
C_NoofPoles_Uls_f32	6	
gt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.79999995	

2016-07-24, 12:03:57+0530



CurrDQPer1

Name	Input Value		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	101.099998		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	81.0999985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.375		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0439999998	0.0439999998 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0899963379	0.0899963379 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.0145520996	0.0145520996 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	✓
CDD_MtrCurr1_Volts_G_f32[1]	1.27350438	1.27350438 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[1]	0.499389529	0.499389529 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-160.010696	-160.010696	✓
CDD_MtrCurrDax_Amp_G_f32[1]	220	220	~
CDD_MtrCurrK1_Amps_G_f32[0]	1.01070166	1.01070166 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	625.869385	625.869385 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696	-160.010696 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	63.1328773	63.1328773 ± 0.0000152587890625	•
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696	-200.010696 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	~

Test Step Call Trace					0
Actual Function	Count	Expected Function	Count	Resu	lt
none	0	*** No Call Expected ***	0		•





Test Step 2.76 (Repeat Count = 1)			•		
Name	Input Value				
Adc2_GetPhsBCurr_Cnt_u16_m	1309				
Adc2_GetPhsCCurr_Cnt_u16_m	325				
CDD_ADC2OffsetComp_Cnt_G_u8p8	8960				
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0				
CDD_CDDDataAccessBfr_Cnt_G_u16	0				
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0450000018				
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002				
CDD_DCPhsBComp_Cnt_G_u16p0	2773				
CDD_DCPhsCComp_Cnt_G_u16p0	3114				
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.125				
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	79.125				
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0170000009				
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0179999992				
CDD_MtrCurr1_Volts_G_f32[0]	2.01095629				
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641				
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0170000009				
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0179999992				
CDD_MtrCurr2_Volts_G_f32[0]	1.01095641				
CDD_MtrCurr2_Volts_G_f32[1]	2.01095629				
CDD_MtrCurrDax_Amp_G_f32[0]	-140.010956				
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558				
CDD_MtrCurrK1_Amps_G_f32[0]	2.01095629				
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629				
CDD_MtrCurrK2_Amps_G_f32[0]	-140.010956 63.0109558				
CDD_MtrCurrK2_Amps_G_f32[1] CDD MtrCurrQax Amp G f32[0]	-180.010956				
	125.010956				
CDD_MtrCurrQax_Amp_G_f32[1] CDD_MtrElecPol_Cnt_G_s8	-1				
CDD_Vecu_Volt_G_f32[0]	22.6499996				
CDD_Vecu_Volt_G_f32[1]	21.370008				
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.6000001e-005				
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.4000006e-005				
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11338				
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr				
k_MtrCurrOffLoComOff_Cnt_u16	730				
k_MtrPosComputDelay_Sec_f32	5.80000014e-005				
k_NoofPoles_UIs_f32	3.5999999				
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.9000001				
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	102.125				
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	83.125				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.37599993				
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal				
Name	Actual Value	Expected Value	Resul		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.255462646	0.255462646 ± 0.0000152587890625			
CDD CorrMtrPosElec Rev G f32[1]	0.0114660002	0.0114660002 ± 0.0000152587890625			
CDD_ElecPosDelayComp_Rad_G_f32	-0.00544185005	-0.00544185005 ± 0.0000152587890625	٠,		
CDD_MtrCurr1_Volts_G_f32[0]	1.55555558	1.55555558 ± 32			
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641	1.01095641 ± 32	٠,		
CDD_MtrCurr2_Volts_G_f32[0]	0.354090363	0.354090363 ± 32			
CDD_MtrCurr2_Volts_G_f32[1]	2.01095629	2.01095629 ± 32	٠,		
CDD_MtrCurrDax_Amp_G_f32[0]	-77.1181488	-77.1181335			
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558	63.0109558	٠,		
CDD_MtrCurrK1_Amps_G_f32[0]	692.970825	692.970886 ± 32			
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629	5.01095629 ± 32	٠,		
CDD_MtrCurrK2_Amps_G_f32[0]	-53.3694801	-53.3694801 ± 0.0000152587890625			
CDD_MtrCurrK2_Amps_G_f32[1]	63.0109558	63.0109558 ± 0.0000152587890625	٠,		
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03			
CDD_MtrCurrQax_Amp_G_f32[1]	125.010956	125.010956 ± 0.03	٠,		

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~



Test Case 3: PathTest

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

951 Cycles 1008 Cycles 974 Cycles TC3.2 TC3.3

Description Vector Description:

TC3.1 (ElecPosDelayComp_Rad_T_f32 < 0.0f) ==>True && (ElecPosDelayComp_Rad_T_f32 < 0.0f) ==>False && (Phs2Curr_Cnt_T_u16 > D_ZERO_CNT_U16) ==>False && (MtrElecPol_Cnt_T_s08 == D_POSITIVEONE_CNT_S8) ==>False && MtrCurrFinalDax_Amps_T_f32 = Limit_m(MtrCurrDax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32) ==>False && MtrCurrFinalQax_Amps_T_f32 = Limit_m(MtrCurrQax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32) ==>False && MtrCurrFinalQax_Amps_T_f32 = Limit_m(MtrCurrQax_Amps_T_f32, -D_CURRDQMAX_AMP_F32) ==>False && (Phs2Curr_Cnt_T_u16 > D_ZERO_CNT_U16) ==>True && (Phs2Curr_Cnt_T_u16 > D_ZERO_CNT_U16) ==>True && (MtrElecPol_Cnt_T_s08 == D_POSITIVEONE_CNT_S8) ==>True &&MtrCurrFinalQax_Amps_T_f32 = Limit_m(MtrCurrQax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32) ==>True TC3.3 MtrCurrFinalDax_Amps_T_f32 = Limit_m(MtrCurrDax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32) ==>True CURRDQMAX_AMP_F32) ==>True TC3.3 MtrCurrFinalDax_Amps_T_f32 = Limit_m(MtrCurrDax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32) ==>True TC3.3 MtrCurrFinalDax_Amps_T_f32 = Limit_m(MtrCurrDax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32) ==>True TC3.3 MtrCurrFinalDax_Amps_T_f32 = Limit_m(MtrCurrDax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32) ==>True TC3.3 MtrCurrFinalDax_AMP_F32) ==>True TC3.3 MtrC

Test Step 3.1 (Repeat Count = 1) Name	Input Value		
Adc2 GetPhsBCurr Cnt u16 m	0		
	0		
Adc2_GetPhsCCurr_Cnt_u16_m			
CDD_ADC2OffsetComp_Cnt_G_u8p8	0		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0		
CDD_DCPhsBComp_Cnt_G_u16p0	0		
CDD_DCPhsCComp_Cnt_G_u16p0	0		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1118		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-1118		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0260000005		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0260000005		
CDD_MtrCurr1_Volts_G_f32[0]	0		
CDD_MtrCurr1_Volts_G_f32[1]	0		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0260000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0260000005		
CDD MtrCurr2 Volts G f32[0]	0		
CDD MtrCurr2 Volts G f32[1]	0		
CDD_MtrCurrDax_Amp_G_f32[0]	-220		
CDD_MtrCurrDax_Amp_G_f32[1]	-220		
CDD MtrCurrK1 Amps G f32[0]	-220		
CDD_MtrCurrK1_Amps_G_f32[1]	-220		
CDD MtrCurrK2 Amps G f32[0]	-220		
CDD_MtrCurrK2_Amps_G_f32[1]	-220		
	-220		
CDD_MtrCurrQax_Amp_G_f32[0]			
CDD_MtrCurrQax_Amp_G_f32[1]	-220		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	5		
CDD_Vecu_Volt_G_f32[1]	5		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	500		
k_MtrPosComputDelay_Sec_f32	2.4999994e-005		
k_NoofPoles_Uls_f32	2.6500001		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt Pim ShCurrCal		
Name	Actual Value	Expected Value	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0774383545	0.0774383545 ± 0.0000152587890625	Resu
CDD_CorrMtrPosElec_Rev_G_f32[1]	0	0.0774363343 ± 0.0000132387890625 0 ± 0.0000152587890625	
	-0.0370337516	-0.0370337516 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32			
CDD_MtrCurr1_Volts_G_f32[0]	0	0 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	0	0 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	0	0 ± 32	
CDD_MtrCurr2_Volts_G_f32[1]	0	0 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	34.4385643	34.4385643	
CDD_MtrCurrDax_Amp_G_f32[1]	-220	-220	•
CDD_MtrCurrK1_Amps_G_f32[0]	38.9599991	38.9599991 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	-220	-220 ± 32	

2016-07-24, 12:03:57+0530





Name	Actual Value	Expected Value	Result
CDD_MtrCurrK2_Amps_G_f32[0]	0	0 ± 0.0000152587890625	~
CDD_MtrCurrK2_Amps_G_f32[1]	-220	-220 ± 0.0000152587890625	•
CDD_MtrCurrQax_Amp_G_f32[0]	18.217207	18.217207 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	~

Test Step Call Trace					✓
	Actual Function	Count	Expected Function	Count	Result
	none	0	*** No Call Expected ***	0	~

Name	Test Step 3.2 (Repeat Count = 1)	Immust Malara		
AAAS GeRHACCHT_CRT_URL B.		· ·		
CDD AppCalerMore.cestRf. Cnt. G. u16 CDD AppCalerMore.cestRf. Cnt. G. u16 CDD CDDDataAccestRf. Cnt. G. u16 CDD ContMinPostEc. Rev. G. 12019 0.989894741 CDD ContMinPostEc. Rev. G. 12019 1750 CDD DCPhasCoong, Cnt. G. u1690 7750 CDD DCPhasCoong, Cnt. G. u1690 1750 CDD DCPhasCoong, Cnt. G. u1690 1750 CDD DCPhasCoong, Cnt. G. u1690 1750 CDD MitPostRess G. G. 2020 1118 CDD MitPostRess G. G. 2020 1118 CDD MitPostRess G. G. 2020 1118 CDD MitPostRess G. G. 2020 0.0800000056 CDD MitPostRess G. G. 2020 0.0800000056 CDD MitPostRess G. G. 2020 0.08000000056 CDD MitPostRess G. G. 2020 0.080000000056 CDD MitPostRess G. G. 2020 0.0800000000000000000000000000000000				
CDD AppDellar-North-Accessific Cnt. G. J.15				
CDD_CDDDataAccessible_Crit_0_usi6 1				
DOD DOMMPROBER, Per. Q. 252 1 0.999984741				
CDD_CMRPMER_DEL_Rev_Q_ [52[1]				
CED_DPR-BECORP_Cnt_G_utlsp				
CDD_DCPhacComp_Cnt_6_urlepo				
CDD_MRPMANUM_MRRayS_G_S_S_S_S_S_S_S_S_S_S_S_S_S_S_S_S_S_S				
CDD_MFSHAVE_MFRANS_6_R20]	: :			
CDD_MICCUTE_PROPER_VOLE_C_123(2)				
CDD_MICCUT_LYOIS_G_[52]0] 5 CDD_MICCUT_LYOIS_G_[52]0] 5 CDD_MICCUT_LYOIS_G_[52]0] 5 CDD_MICCUT_LYOIS_G_[52]1 0.0220000005 CDD_MICCUT_LYOIS_G_[52]1 0.020000000000000000000000000000000000				
CDD_MicCurt_Volts_G_132[1]				
CDD_MCCurtZempOffset_Vort_G_B2[1]				
CDD_MrCur2TempOffset_Voil_G_152[1]				
CDD_Micrur2_VoitsC_132[1]	CDD_MtrCurr1_Volts_G_f32[1]			
CDD_MICurr2_Vols_G_182[0] 5				
CDD_MrCurr2_Volls_G_122[1] 5 220 2				
CDD_MtCurrDax_Amp_G_f32(0) 220 CDD_MtCurrDax_Amp_G_f32(1) 220 CDD_MtCurrDax_Amp_G_f32(1) 220 CDD_MtCurrK1_Amps_G_f32(1) 220 CDD_MtCurrK1_Amps_G_f32(1) 220 CDD_MtCurrK1_Amps_G_f32(1) 220 CDD_MtCurrK2_Amps_G_f32(1) 210 CDR_MCUrrK2_Amps_G_f32(1) 31 31 31 31 CDR_MCUrrK2_Amps_G_f32(1) 31 31 CDR_MCUrrK2_Amps_G_f32(1) 31 31 31 CDR_MCUrrK2_Amps_G_f32(1) 31 31 31 CDR_MCUrrK2_Amps_G_f32(1) 31 31 31 CDR_MCUrrK2_Amps_G_f32(1) 31 31 CDR				
CDD_MtrCumPax_Amp_6_[532[1] 220 200	CDD_MtrCurr2_Volts_G_f32[1]	5		
CDD_MirCurrK1_Amps_G_732[0] 220 CDD_MirCurrK1_Amps_G_732[1] 220 CDD_MirCurrK2_Amps_G_732[1] 220 CDD_MirCurrC2_Amps_G_732[1] 220 CDD_MirCurrC2_Amps_G_732[1] 220 CDD_MirCurrCax_Amp_G_732[1] 220 CDD_MirCurrCax_Amp_G_732[1] 220 CDD_MirCurrCax_Amp_G_732[1] 220 CDD_MirCurrCax_Amp_G_732[1] 220 CDD_MirCurrCax_Amp_G_732[1] 31 CDD_Vecu_Volt_G_732[1] 31 CDD_V				
CDD_MtrCurrK1_Amps_G_132[1] 220 CDD_MtrCurrK2_Amps_G_132[0] 220 CDD_MtrCurrK2_Amps_G_132[0] 220 CDD_MtrCurrQax_Amp_G_132[0] 220 CDD_MtrCurrQax_Amp_G_132[0] 220 CDD_MtrCurrQax_Amp_G_132[0] 220 CDD_MtrCurrQax_Amp_G_132[0] 220 CDD_MtrCurrQax_Amp_G_132[0] 210 CDD_MtrCurrQax_Amp_G_132[0] 31 CDD_Vecu_Volt_G_132[0] 31 CDD_Vecu_Volt_G_132[0] 31 CDD_Vecu_Volt_G_132[0] 31 CDD_Vecu_Volt_G_132[0] 31 CDD_Vecu_Volt_G_132[0] CMMtrCurr_MtrCurr_Officetia_VoltyVoltCnt_M_132 0.000171428997 CMMtrCurr_VoltCnt_M_132 CMMtrCurr_Officetia_Volts_132 CMMtrCurr_Officetia_Volts_142 CMMtrCurr_Officetia_Volts_142 CMMtrCurr_Officetia_Volts_142 CMMtrCurr_Officetia_Volts_142 CMMtrCurr_Officetia_Volts_142	CDD_MtrCurrDax_Amp_G_f32[1]	220		
CDD_MtrCurrK2_Amps_G_r32(1) 220 CDD_MtrCurrA2_Amps_G_r32(1) 220 CDD_MtrCurrA2_Amps_G_r32(1) 220 CDD_MtrCurrQax_Amp_G_r32(1) 220 CDD_MtrCurrQax_Amp_G_r32(1) 220 CDD_MtrCurrQax_Amp_G_r32(1) 220 CDD_MtrCurrQax_Amp_G_r32(1) 220 CDD_MtrCurrQax_Amp_G_r32(1) 31 CDD_Vecu_Volt_G_r32(1) 31 CDD_Vecu_Volt_G_r	CDD_MtrCurrK1_Amps_G_f32[0]			
CDD_MtrCurrK2_Amps_G_[32[1] 220 CDD_MtrCurrQx_Amp_G_[32[1] 220 CDD_MtrCurrQx_Amp_G_[32[1] 220 CDD_MtrCurrQx_Amp_G_[32[1] 220 CDD_MtrElecPol_Cnt_G_0.8	CDD_MtrCurrK1_Amps_G_f32[1]	220		
CDD_MtrCurrQax_Amp_6_f32[0] 220 CDD_MtrCurrQax_Amp_6_f32[1] 220 CDD_MtrCurrQax_Amp_6_f32[1] 220 CDD_MtrCurrQax_Amp_6_f32[1] 31 CDD_Vecu_Volt_G_f32[0] 31 CDD_Vecu_Volt_G_f32[0] 31 CDD_Vecu_Volt_G_f32[1] 31 CDD_Vecu_Volt_G_f32[1] 31 CDD_Vecu_Volt_G_f32[1] 31 CDD_Vecu_Volt_G_f32[1] 31 CDD_Vecu_Volt_G_f32[1] CDD_MtrCurr_MtrCurrQffDelta_VoltpVoltCnt_M_f32 0.000171428997 CDD_MtrCurr_MtrCurrQffDelta_VoltpVoltCnt_M_f32 0.000171428997 CDD_MtrCurr_MtrCurrQffDelta_VoltpVoltCnt_M_f32 0.000171428997 CDD_MtrCurr_MtrCurrQffLoComOff_Cnt_u16 CDD_MtrCurr_MtrCurr_MtrCurr_MtrCurr_MtrCurr_MtrCurr_MtrCurr_MtrCurr_MtrCurr_MtrCurr_MtrCurr_MtrCurr_Mtr_Mtr_Mtr_Mtr_Mtr_Mtr_Mtr_Mtr_Mtr_M	CDD_MtrCurrK2_Amps_G_f32[0]	220		
CDD_MtrCurrQax_Amp_6_f32[1] 220 CDD_MtrElecPol_Cnt_6_s8 1	CDD_MtrCurrK2_Amps_G_f32[1]	220		
CDD_MtrElecPol_Cnt_G_s8	CDD_MtrCurrQax_Amp_G_f32[0]	220		
State	CDD_MtrCurrQax_Amp_G_f32[1]	220		
CDD_vecu_volt_G_f32[1] 31 CmMtrCurr_MtrCurr_OffDelta_VoltpVoltCnt_M_f32 0.000171428997 CmMtrCurr_MtrCurr_OffDelta_VoltpVoltCnt_M_f32 0.000171428997 MtrPos_CorrectedMtrPos_Rev_G_u0p16 65535 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 1500 k_MtrPos_CorrectedMtrPos_Rev_G_u0p16 1500 k_MtrPos_CorrectedMtrPos_Rev_G_u0p16 1500 k_MtrPos_CorrectedMtrPos_Rev_G_u0p16 1500 k_MtrPos_CorrectedMtrPos_Rev_G_u0p16 1500 k_MtrPos_CorrectedMtrPos_Rev_G_u0p16 1500 k_MtrPos_CorrectedMtrCurr_Off_Cnt_u16 1500 k_MtrPos_CorrectedMtrCurr_Off_Cnt_u16 1500 k_MtrPos_CorrectedMtrCurr_Off_Cnt_u16 1500 k_MtrPos_CorrectedMtrCurr_Off_Set_G_2 0.00019999995 k_NoofPoles_Uls_f32 3.4579994 tgt_Pim_ShCurrCal_EOLMtrCurr_Off_Set_G_volts_f32 125 tgt_Pim_ShCurrCal_EOLMtrCurr_Off_Set_G_volts_f32 125 tgt_Pim_ShCurrCal_EOLMtrCurr_Off_Set_G_volts_f32 125 tgt_Pim_ShCurrCal_EOLMtrCurr_Off_Set_G_volts_f32 3 tgt_Ret_Inst_Sa_CmMtrCurr_Pim_ShCurrCal tgt_Pim_ShCurrCal Name	CDD_MtrElecPol_Cnt_G_s8	1		
CmMtrCurr_MtrCurr_OffDetta_voltpVoltCnt_M_f32 0.000171428997 CmMtrCurr_MtrCurr_OffDetta_voltpVoltCnt_M_f32 0.000171428997 MtrPos_CorrectedMtrPos_Rev_G_u0p16 65535 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 1500 k_MtrFosComputDelay_Sec_f32 0.000199999995 k_NorfPoles_UIs_f32 3.45799994 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 125 tgt_Pim_ShCurrCal.EOLPhscurrGain_AmpspVolt_f32 125 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 125 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 3 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 125 tgt_Pim_ShCurrCal.EOLMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value R CDD_CorrMtrPosElec_Rev_G_f32[0] 0.99984741 0.999984741 ± 0.0000152587890625 R CDD_CorrMtrPosElec_Rev_G_f32[0] 0.99984741 0.999984741 ± 0.0000152587890625 C D S 5 ± 32 S C D D P F S S S S S	CDD_Vecu_Volt_G_f32[0]	31		
CmMtrCurr_Mtrcurr20ffDetta_voltpVoltCnt_M_632 0.000171428997 MtrPos_CorrectedMtrPos_Rev_G_u0p16 65535 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrCurrOffLoComOff_Cnt_u16 1500 k_MtrPosComputDelay_Sec_f32 0.000199999995 k_NoofPoles_UIs_f32 3.4579994 tgt_Pim_ShCurrCal.EDLMtrCurr10ffsetLo_Volts_f32 125 tgt_Pim_ShCurrCal.EDLMtrCurr20fisetLo_Volts_f32 125 tgt_Pim_ShCurrCal.EDLMtrCurr20ffsetLo_Volts_f32 125 tgt_Pim_ShCurrCal.EDLMtrCurr20ffsetLo_Volts_f32 125 tgt_Pim_ShCurrCal.EDLMtrCurr20ffsetLo_Volts_f32 125 tgt_Pim_ShCurrCal.EDLMtrCurr20ffsetLo_Volts_f32 125 tgt_Pim_ShCurrCal.EDLMtrCurr20ffsetLo_Volts_f32 125 tgt_Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value R CDD_CornMtrPosElec_Rev_G_f32[0] 0.99984741 0.99984741 ± 0.0000152587890625 R CDD_ElecPosDelayComp_Rad_G_f32 0.38604398 0.3860498 ± 0.0000152587890625 C D 5 ± 32 CDD_MtrCurr1_Volts_G_f32[0] 5 5 ± 32 C D D	CDD_Vecu_Volt_G_f32[1]	31		
MtrPos_CorrectedMtrPos_Rev_G_u0p16 65535 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_MtrPosComputDelay_Sec_f32 0.000199999995 k_NoofPoles_Uls_f32 3.45799994 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 3 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 125 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 125 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 3 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 3 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 3 tgt_Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value R CDD_CorrMtrPosElec_Rev_G_f32[0] 0.99984741 0.999984741 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0.386604398 0.386604398 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0.386604398 0.386604398 ± 0.0000152587890625 CDD_MtrCurr1_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurrDax_Amp_G_f32[1] 220 220 220 220 220 </td <td>CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32</td> <td>0.000171428997</td> <td></td> <td></td>	CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0.000171428997		
Rte_Inst_Sa_CmMtrCurr	CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0.000171428997		
k_MtrCurrOffLoComOff_Cnt_u16 1500 k_MtrPosComputDelay_Sec_f32 0.000199999995 k_NoofPoles_Uls_f32 3.45799994 tgt_Pim_ShCurrCal_EOLMtrCurr1Offsett_o_Volts_f32 125 tgt_Pim_ShCurrCal_EOLPhscurr1Gain_AmpspVolt_f32 125 tgt_Pim_ShCurrCal_EOLPhscurr2Gain_AmpspVolt_f32 125 tgt_Pim_ShCurrCal_EOLMtrCurr2Offsett_o_Volts_f32 3 tgt_Pim_ShCurrCal_EOLMtrCurr2Offsett_o_Volts_f32 3 tgt_Re_inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value R CDD_CorrMtrPosElec_Rev_G_f32[0] 0.99984741 0.99984741 ± 0.0000152587890625 R CDD_ElecPosDelayComp_Rad_G_f32 0.386604398 0.386604398 ± 0.0000152587890625 R CDD_MtrCurr1_Volts_G_f32[0] 5 5 ± 32 0.00000000000000000000000000000000000	MtrPos_CorrectedMtrPos_Rev_G_u0p16	65535		
k_MtrPosComputDelay_Sec_f32 0.000199999995 k_NoofPoles_Uls_f32 3.45799994 tgt_Pim_ShCurrCal_EOLMtrCurr10ffsetLo_Volts_f32 125 tgt_Pim_ShCurrCal_EOLPhscurr1Gain_AmpspVolt_f32 125 tgt_Pim_ShCurrCal_EOLMtrCurr20fisetLo_Volts_f32 125 tgt_Pim_ShCurrCal_EOLMtrCurr20fisetLo_Volts_f32 3 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value R CDD_CorrMtrPosElec_Rev_G_f32[0] 0.999984741 0.999984741 ± 0.0000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.978179932 0.978179932 ± 0.0000152587890625 CDD_MtrCurr1_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr1_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr1_Volts_G_f32[0] 4.68864489 4.68864489 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] 220 220 CDD_MtrCurrNa_Amp_G_f32[0] 220 220 CDD_MtrCurrNa_Amp_G_f32[1] 220 220 ± 32 CDD_MtrCurrN_Amps_G_f32[0] 20 20 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 7990.78613 7990.78564 ± 32	Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_NoofPoles_Ulls_f32	k_MtrCurrOffLoComOff_Cnt_u16	1500		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 3 tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 125 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 125 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 3 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value R CDD_CorrMtrPosElec_Rev_G_f32[0] 0.999984741 0.999984741 ± 0.0000152587890625 R CDD_CorrMtrPosElec_Rev_G_f32[1] 0.978179932 0.978179932 ± 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.00000152587890625 0.00000152587890625 0.00000152587890625 0.000000152587890625 0.00000152587890625 0.00000152587890625 0.00000152587890625 0.00000152587890625 0.00000152587890625 0.00000152587890625 0.00000152587890625 0.00000152587890625 0.00000152587890625 0.000000152587890625 0.000000152587890625 0.0000	k_MtrPosComputDelay_Sec_f32	0.00019999995		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 125 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 125 tgt_Pim_ShCurrCal.EOLMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value R CDD_CorrMtrPosElec_Rev_G_f32[0] 0.999984741 0.999984741 ± 0.0000152587890625 R CDD_CorrMtrPosElec_Rev_G_f32[1] 0.978179932 0.978179932 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0.386604398 0.386604398 ± 0.0000152587890625 CDD_MtrCurr1_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr1_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] 220 220 CDD_MtrCurrDax_Amp_G_f32[1] 220 220 CDD_MtrCurrK1_Amps_G_f32[1] 220 220 ± 32 CDD_MtrCurrK2_Amps_G_f32[1] 7090.78613 7090.78564 ± 32 CDD_MtrCurrK2_Amps_G_f32[1] 0 0 ± 0.0000152587890625 <td>k_NoofPoles_Uls_f32</td> <td>3.45799994</td> <td></td> <td></td>	k_NoofPoles_Uls_f32	3.45799994		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32 125 tgt_Pim_ShCurrCal.EOLMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value R CDD_CorrMtrPosElec_Rev_G_f32[0] 0.999984741 0.999984741 ± 0.0000152587890625 0.978179932 0.978179932 ± 0.0000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.978179932 0.978179932 ± 0.0000152587890625 0.00000000000000000000000000000000000	tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 3 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value R CDD_CorrMtrPosElec_Rev_G_f32[0] 0.999984741 0.999984741 ± 0.0000152587890625 0.00000000000000000000000000000000000	tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal Name Actual Value Expected Value R CDD_CorrMtrPosElec_Rev_G_f32[0] 0.999984741 0.999984741 ± 0.0000152587890625 0.978179932 0.978179932 ± 0.0000152587890625 0.978179932 0.978179932 ± 0.0000152587890625 0.978179932 ± 0.0000152587890625 0.386604398 0.386604398 ± 0.0000152587890625 0.386604398 ± 0.0000152587890625 0.386604398 ± 0.0000152587890625 0.386604398 ± 0.0000152587890625 0.386604398 ± 0.0000152587890625 0.386604398 ± 0.0000152587890625 0.386604398 ± 0.0000152587890625 0.386604398 ± 0.0000152587890625 0.386604398 ± 0.0000152587890625 0.386604398 ± 0.0000152587890625 0.386604398 ± 0.0000152587890625 0.386604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.0000152587890625 0.086604398 ± 0.000015258	tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
Name Actual Value Expected Value R CDD_CorrMtrPosElec_Rev_G_f32[0] 0.999984741 0.999984741 ± 0.0000152587890625 0.978179932 0.978179932 ± 0.0000152587890625 0.978179932 ± 0.0000152587890625 0.978179932 ± 0.0000152587890625 0.386604398 0.386604398 ± 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.0000152587890625 0.000	tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
CDD_CorrMtrPosElec_Rev_G_f32[0] 0.999984741 0.999984741 ± 0.0000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.978179932 0.978179932 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0.386604398 0.386604398 ± 0.0000152587890625 CDD_MtrCurr1_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr1_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] 220 220 CDD_MtrCurrDax_Amp_G_f32[1] 220 220 CDD_MtrCurrK1_Amps_G_f32[0] 220 220 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 7090.78613 7090.78564 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] 220 220 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 0 0 ± 0.0000152587890625	tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
CDD_CorrMtrPosElec_Rev_G_f32[0] 0.999984741 0.999984741 ± 0.0000152587890625 CDD_CorrMtrPosElec_Rev_G_f32[1] 0.978179932 0.978179932 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0.386604398 0.386604398 ± 0.0000152587890625 CDD_MtrCurr1_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr1_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] 220 220 CDD_MtrCurrDax_Amp_G_f32[1] 220 220 CDD_MtrCurrK1_Amps_G_f32[0] 220 220 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 7090.78613 7090.78564 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] 220 220 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 0 0 ± 0.0000152587890625	Name	Actual Value	Expected Value	Resul
CDD_CorrMtrPosElec_Rev_G_f32[1] 0.978179932 0.978179932 ± 0.0000152587890625 CDD_ElecPosDelayComp_Rad_G_f32 0.386604398 0.386604398 ± 0.0000152587890625 CDD_MtrCurr1_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] 220 220 CDD_MtrCurrDax_Amp_G_f32[1] 220 220 CDD_MtrCurrK1_Amps_G_f32[0] 220 220 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 7090.78613 7090.78564 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] 220 220 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 0 0 ± 0.0000152587890625				rtoour
CDD_ElecPosDelayComp_Rad_G_f32 0.386604398 0.386604398 ± 0.0000152587890625 CDD_MtrCurr1_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr1_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] 220 220 CDD_MtrCurrDax_Amp_G_f32[1] 220 220 CDD_MtrCurrK1_Amps_G_f32[0] 220 220 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 7090.78613 7090.78564 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] 220 220 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 0 0 ± 0.0000152587890625				
CDD_MtrCurr1_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr1_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurr2_Volts_G_f32[0] 5 5 ± 32 CDD_MtrCurr2_Volts_G_f32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurrDax_Amp_G_f32[0] 220 220 CDD_MtrCurrDax_Amp_G_f32[1] 220 220 CDD_MtrCurrK1_Amps_G_f32[0] 220 220 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 7090.78613 7090.78564 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] 220 220 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 0 0 ± 0.0000152587890625				
$ \begin{array}{llllllllllllllllllllllllllllllllllll$				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
CDD_MtrCurr2_Volts_G_[32[1] 4.68864489 4.68864489 ± 32 CDD_MtrCurrDax_Amp_G_[32[0] 220 220 CDD_MtrCurrDax_Amp_G_[32[1] 220 220 CDD_MtrCurrK1_Amps_G_[32[0] 220 220 ± 32 CDD_MtrCurrK1_Amps_G_[32[1] 7090.78613 7090.78564 ± 32 CDD_MtrCurrK2_Amps_G_[32[0] 220 220 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_[32[1] 0 0 ± 0.0000152587890625				
CDD_MtrCurrDax_Amp_G_332[0] 220 220 CDD_MtrCurrDax_Amp_G_f32[1] 220 220 CDD_MtrCurrK1_Amps_G_f32[0] 220 220 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 7090.78613 7090.78564 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] 220 220 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 0 0 ± 0.0000152587890625				
CDD_MtrCurrDax_Amp_G_f32[1] 220 220 CDD_MtrCurrK1_Amps_G_f32[0] 220 220 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 7090.78613 7090.78564 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] 220 220 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 0 0 ± 0.0000152587890625				
CDD_MtrCurrK1_Amps_G_f32[0] 220 220 ± 32 CDD_MtrCurrK1_Amps_G_f32[1] 7090.78613 7090.78564 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] 220 220 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 0 0 ± 0.0000152587890625				
CDD_MtrCurrK1_Amps_G_f32[1] 7090.78613 7090.78564 ± 32 CDD_MtrCurrK2_Amps_G_f32[0] 220 220 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 0 0 ± 0.0000152587890625				
CDD_MtrCurrK2_Amps_G_f32[0] 220 220 ± 0.0000152587890625 CDD_MtrCurrK2_Amps_G_f32[1] 0 0 ± 0.0000152587890625				
CDD_MtrCurrK2_Amps_G_f32[1] 0 0 ± 0.0000152587890625				
CDD MITCUITUAX AMD G 132101 220 270 ± 0.03				-
CDD_MtrCurrQax_Amp_G_f32[1] -220 -220 ± 0.03				



Test Step Call Trace				•	•
Actual Function	Count	Expected Function	Count	Resul	t
none	0	*** No Call Expected ***	0	•	ē

Test Step 3.3 (Repeat Count = 1)	Innut Value		
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	625		
Adc2_GetPhsCCurr_Cnt_u16_m	458		
CDD_ADC2OffsetComp_Cnt_G_u8p8	4096		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0040000019		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00101919996		
CDD_DCPhsBComp_Cnt_G_u16p0	7150		
CDD_DCPhsCComp_Cnt_G_u16p0	7150		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.099998		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	141.100006		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0240000002		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.023		
CDD_MtrCurr1_Volts_G_f32[0]	2.0005095		
CDD_MtrCurr1_Volts_G_f32[1]	4.00050974		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00899999961		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00800000038		
CDD_MtrCurr2_Volts_G_f32[0]	2.0005095		
CDD_MtrCurr2_Volts_G_f32[1]	4.00050974		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.000504		
CDD_MtrCurrDax_Amp_G_f32[1]	198.000504		
CDD_MtrCurrK1_Amps_G_f32[0]	-180.000504		
CDD_MtrCurrK1_Amps_G_f32[1]	125.000511		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.000504		
CDD_MtrCurrK2_Amps_G_f32[1]	198.000504		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.000511		
CDD_MtrCurrQax_Amp_G_f32[1]	25.0005093		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	8.23999977		
CDD_Vecu_Volt_G_f32[1]	7.5		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.0999998e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.60000008e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5177		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	600		
k_MtrPosComputDelay_Sec_f32	0.00019999995		
k_NoofPoles_Uls_f32	4.125		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.7999995		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	60.0999985		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	77.0999985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.26999998		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00400000019	0.00400000019 ± 0.0000152587890625	Kesuit
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.171585083	0.171585083 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0582037531	0.0582037494 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	2.0005095	2.0005095 ± 32	
CDD_MtrCurr1_voits_G_f32[0] CDD MtrCurr1 Voits G f32[1]	0.743589759	2.0005095 ± 32 0.743589759 ± 32	J
		0.743589759 ± 32 2.0005095 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	2.0005095		
CDD_MtrCurr2_Volts_G_f32[1]	0.539682567	0.539682567 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	-200.000504	-200.000504	
CDD_MtrCurrDax_Amp_G_f32[1]	220	220	-
CDD_MtrCurrK1_Amps_G_f32[0]	-180.000504	-180.000504 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	529.10144	529.101379 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-200.000504	-200.000504 ± 0.0000152587890625	•
CDD_MtrCurrK2_Amps_G_f32[1]	92.7710114	92.7709961 ± 0.0000152587890625	•
CDD_MtrCurrQax_Amp_G_f32[0]	-120.000511	-120.000511 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	· ·

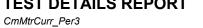
Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none 0 *** No Call Expected ***				~

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Razorcat

CurrDQPer1

2016-07-24, 11:55:02+0530





Project CmMtrCurr1

Module CmMtrCurr_MTRCURRPHASEAB_ON

Test Object CmMtrCurr_Per3

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\CmMtrCurr_FDD1C_010.0_NoUTP
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\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)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\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	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT) \StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Spe	ecification
Name	Text



Module 'CmMtrCurr MTRCURRPHASEAB ON

Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2

Code File(s) Version:2
Module Design Document: CmMtrCurr_MDD.docx
Module Design Document Version:2
Data Dictionary Version:2
Unit Test Plan Version: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 1.32
Total FLASH Used (Bytes):3176
Total RAM Used (Bytes):130
Total CALS Used (Bytes):46
Special Test Requirements:NA
Test Date: 7/23/2016

Test Date:7/23/2016
Comments:
"Note1: Inline functions defined in globalmacro.h are not unit tested.

Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference.

Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :-MtrCurr2SumHi_Volt_M_f32 , VecuSum_Volt_M_f32 , MtrCurr1SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr1SumZero_Volt_M_f32,MtrCurr2SumZero_Volt_M_f32, CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 .

Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

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 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

TC1.1 1141.00 Cycles TC1.2 1406.00 Cycles

Description

VECTOR DESCRIPTION:

TS1.1 Shortest Execution Path==> (CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc == TRUE) = False
TS1.2 "Longest Execution Path==> (CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc == TRUE) = True;
(Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) = True && (VehSpd_Kph_T_f32 < FLT_EPSILON) = True &&
(VhSpdValid_Cnt_T_lgc == TRUE) = True;
switch(CmMtrCurr_CurrOffState_Uls_M_enum) = CURROFF_CALC;
(CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) = True &&
(CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) = True &&
(CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) = True &&
(CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) = True &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) = True &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) = True &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) = True &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMinOffset_Volts_f32) = True &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) = True &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f3

Name	Input Value		
	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.03384912		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.09357047		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.0530895		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.72687054		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.30570102		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.1556983		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.97496986		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.12170625		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31777.1211		
CmMtrCurr_VecuSum_Volt_M_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	12		
k_MaxCurrOffMtrVel_RadpS_f32	17.3677788		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	562		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	3		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	-576.014526		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	15.9636936		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	124.059662		
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	78596.2422		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.66544139		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	1.41828871		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.1423645		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.47283912		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt CmMtrCurr Per3 VehSpd Kph f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt_Pim_ShCurrCal		
.groor_on_onneroun.r ini_onounou	Actual Value Expected Value		

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5	5 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.03384912	1.03384912 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	~

2016-07-24, 11:55:02+0530



CmMtrCurr_Per3

Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.09357047	2.09357047 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.0530895	1.0530895 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.72687054	2.72687054 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.30570102	1.30570102 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.1556983	1.1556983 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.97496986	2.97496986 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.12170625	2.12170625 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31777.1211	31777.1211 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	0	0 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	78596.2422	78596.2422 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.66544139	1.66544139 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.41828871	1.41828871 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.1423645	2.1423645 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.47283912	1.47283912 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~



Test Step 1.2 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	2		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.06366134		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06732988		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.25479567		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.65685463		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.04112172		
CmMtrCurr MtrCurr2SumLo Volt M f32	2.83894515		
CmMtrCurr MtrCurr2SumZero Volt M f32	1.99014759		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	23218.2402		
CmMtrCurr VecuSum Volt M f32	18.0116081		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	7		
k_MaxCurrOffMtrVel_RadpS_f32	12.5231485		
k_MtrCurrEOLMaxOffset_Volts_f32	2.70000005		
k_MtrCurrEOLMinOffset_Volts_f32	1.74270165		
k_MtrCurrOffLoComOff_Cnt_u16	500		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	12		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	18.9864292		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56567.5313		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.91152203		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.30852175		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	· -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Veb_nd_Knl		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_igc	
	tgt_Pim_ShCurrCal	Fyrna eta d Value	Daguile
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr CurrOffState Uls M enum	6 CURROFF INTIALISE	6 ± 1 CURROFF INTIALISE	
CmMtrCurr CurrOffTrimFlag Cnt M lgc	0	0	
CmMtrCurr CurroffProcessFlag M enum	3	3	
CmMtrCurr MtrCurr1OffsetHi Volt M f32	2.06366134	2.06366134 ± 0.0003	
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.06732988	2.06732988 ± 0.0003	
CmMtrCurr MtrCurr1OffsetZero Volt M f32	3	3 ± 0.0003	
CmMtrCurr MtrCurr1SumHi Volt M f32	3	3 ± 0.0003	
CmMtrCurr MtrCurr1SumLo Volt M f32	1.25479567	1.25479567 ± 0.0003	
CmMtrCurr MtrCurr1SumZero Volt M f32	1.65685463	1.65685463 ± 0.0003	•
CmMtrCurr MtrCurr2OffsetHi Volt M f32	3	3 ± 0.0003	
CmMtrCurr MtrCurr2OffsetLo Volt M f32	2	2 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.04112172	2.04112172 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.83894515	2.83894515 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.99014759	1.99014759 ± 0.0003	•
		23218.2402 ± 0.001	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	23218.2402		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32	23218.2402 18.0116081	18.0116081 ± 0.0009765625	•
		18.0116081 ± 0.0009765625 0 ± 1	
CmMtrCurr_VecuSum_Volt_M_f32	18.0116081		•
CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	18.0116081 0	0 ± 1	•
CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	18.0116081 0 56567.5313	0 ± 1 56567.5313 ± 0.004	•
CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	18.0116081 0 56567.5313 1.91152203	0 ± 1 56567.5313 ± 0.004 1.91152203 ± 0.0003	

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Test Case 2: Range Test

2016-07-24, 11:55:02+0530





Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

1141 Cycles 1147 Cycles 1272 Cycles 1214 Cycles 1214 Cycles TC2.1 TC2.2 TC2.3 TC2.5 TC2.4 1188 Cycles 1188 Cycles 1188 Cycles 1188 Cycles TC2.6 TC2.7 TC2.8 TC2.9 1188 1188 1133 Cycles Cycles TC2.10 TC2.11 TC2.12 Cycles 1133 Cycles 1133 Cycles 1133 Cycles 1133 Cycles TC2.13 TC2.15 TC2.16 TC2.17 1133 Cycles TC2.18 TC2.19 TC2.20 1133 Cycles 1133 Cycles 1133 Cycles 1133 Cycles 1133 Cycles 1071 Cycles 1133 Cycles TC2.21 TC2.22 TC2.23 TC2.24 1071 Cycles 1071 Cycles 1133 Cycles TC2.25 TC2.26 TC2.27 1133 TC2.28 TC2.29 Cycles 1133 Cycles TC2.30 TC2.31 TC2.32 1133 Cycles 1133 Cycles 1133 Cycles TC2.33 TC2.34 TC2.35 TC2.36 1261 Cycles 1231 Cycles 1168 Cycles 1175 Cycles TC2.36 TC2.37 TC2.38 TC2.39 TC2.40 TC2.41 TC2.42 1175 1168 1168 1168 Cycles Cycles Cycles Cycles 1168 Cycles 1168 1168 1168 Cycles 1168 Cycles 1168 Cycles 1168 Cycles TC2.44 TC2.45 TC2.45 TC2.46 TC2.47 TC2.48 TC2.49 TC2.50 TC2.51 1168 Cycles 1168 Cycles 1175 Cycles 1175 Cycles 1175 Cycles 1175 Cycles 1175 Cycles TC2.53 TC2.54 TC2.55 1175 Cycles 1175 Cycles 1175 Cycles 1175 Cycles TC2.56 TC2.57 TC2.58 TC2.59 1194 Cycles 1194 1194 1194 Cycles Cycles Cycles TC2.60 TC2.61 TC2.62 TC2.63 1194 Cycles Cycles Cycles 1194 1249 Cycles 1195 Cycles TC2.64 TC2.65 TC2.66 TC2.67 1195 Cycles 1195 Cycles 1195 Cycles 1195 Cycles 1195 Cycles 1177 Cycles TC2.68 TC2.68 TC2.69 TC2.70 TC2.71 TC2.72 TC2.73 TC2.74 TC2.75 1195 Cycles 1284 Cycles 1307 Cycles 1238 Cycles 1214 Cycles 1314 Cycles 1233 1157 Cycles Cycles TC2.77 TC2.78 TC2.79 1175 Cycles 1175 Cycles 1157 Cycles TC2.80 TC2.81 TC2.82 TC2.83 1782 Cycles 1801 Cycles 1785 Cycles 1093 Cycles TC2.84 TC2.85 TC2.86 1093 Cycles 1093 Cycles 1031 Cycles TC2.87 TC2.88 1031 1031 Cycles 1031 Cycles 1031 1093 Cycles Cycles TC2.91 TC2.92 TC2.93 TC2.94 TC2.95 1031 Cycles 1093 Cycles 1093 Cycles 1031 Cycles 1093 Cycles TC2.96 TC2.97 TC2.98 1093 Cycles 1031 Cycles 1148 Cycles 1148 Cycles 1148 Cycles TC2.99 TC2.100 1148 Cycles 1307 Cycles 1307 Cycles TC2.101 TC2.102 1283 Cycles 1285 Cycles 1285 Cycles TC2.103 TC2 103 TC2.104





Description VECTOR DESCRIPTION:

TS2.1All Min TS2.2All Max TS2.3ADCMtrCurr1_Volts_f32==>Min TS2.4ADCMtrCurr1_Volts_f32==>Max TS2.5ADCMtrCurr1_Volts_f32==>Pos TS2.6ADCMtrCurr2_Volts_f32==>Min TS2.7ADCMtrCurr2_Volts_f32==>Max TS2.8ADCMtrCurr2_Volts_f32==>Pos TS2.9Vecu_Volt_f32==>Min TS2.10Vecu_Volt_f32==>Max TS2.11Vecu_Volt_f32==>Pos TS2.12MtrVel_MtrRadpS_f32==>Min TS2.13MtrVel_MtrRadpS_f32==>Max TS2.14MtrVel_MtrRadpS_f32==>Pos TS2.14Mit/vel_MtrRadpS_f32==>Zero TS2.15Mtr/vel_MtrRadpS_f32==>Neg TS2.17VehSpd_Kph_f32==>Min TS2.18VehSpd_Kph_f32==>Max TS2.19VehSpd_Kph_f32==>Pos TS2.20VhSpdValid_Cnt_lgc==>Min TS2.21VhSpdValid_Cnt_lgc==>Max TS2.22CurroffProcessFlag_M_enum==>CURROFF_INIT
TS2.23CurroffProcessFlag_M_enum==>CURROFF_FAIL
TS2.24CurroffProcessFlag_M_enum==>CURROFF_PROCESSING IS2.24CurroffProcessFlag_M_enum==>CURROFF_PROC TS2.25CurroffProcessFlag_M_enum==>CURROFF_PASS TS2.26CurrOffTrimFlag_M_lgc==>Min TS2.27CurrOffTrimFlag_M_lgc==>Max TS2.28k_MaxCurrOffMtrVel_RadpS_f32==>Min TS2.29k_MaxCurrOffMtrVel_RadpS_f32==>Pos TS2.30k_MaxCurrOffMtrVel_RadpS_f32==>Pos TS2.31k_MaxCurrOffMtrVel_RadpS_f32==>Zero TS2.31k_MaxCurrOffMtrVel_RadpS_f32==>Neg
TS2.32k_MaxCurrOffMtrVel_RadpS_f32==>Default
TS2.34CurrOffState_ULS_M_enum==>CURROFF_INTIALISE
TS2.34CurrOffState_ULS_M_enum==>CURROFF_CALC
TS2.36CurrOffState_ULS_M_enum==>CURROFF_HIAVERAGE
TS2.37CurrOffState_ULS_M_enum==>CURROFF_LOAVERAGE TS2.38CurrOffState_ULS_M_enum==>CURROFF_ZEROAVERAGE TS2.39MtrCurr1SumHi_Volt_M_f32==>Min TS2.40MtrCurr1SumHi_Volt_M_f32==>Max TS2.41MtrCurr1SumHi_Volt_M_f32==>Pos TS2.42MtrCurr2SumHi_Volt_M_f32==>Min TS2.43MtrCurr2SumHi_Volt_M_f32==>Max TS2.44MtrCurr2SumHi_Volt_M_f32==>Pos TS2.45VecuSum_Volt_M_f32==>Min TS2.46VecuSum_Volt_M_f32==>Max TS2.47VecuSum_Volt_M_f32==>Pos TS2.48CurrOffAvgCounter_Cnt_M_u16==>Min TS2.49CurrOffAvgCounter_Cnt_M_u16==>Max TS2.50CurrOffAvgCounter_Cnt_M_u16==>Max
TS2.50CurrOffAvgCounter_Cnt_M_u16==>Pos
TS2.51MtrCurr1SumLo_Volt_M_f32==>Min
TS2.52MtrCurr1SumLo_Volt_M_f32==>Max
TS2.53MtrCurr1SumLo_Volt_M_f32==>Pos TS2.54MtrCurr2SumLo_Volt_M_f32==>Min TS2.55MtrCurr2SumLo_Volt_M_f32==>Max TS2.56MtrCurr2SumLo_Volt_M_f32==>Pos TS2.57MtrCurr1SumZero_Volt_M_f32==>Min TS2.58MtrCurr1SumZero_Volt_M_f32==>Max TS2.59MtrCurr1SumZero_Volt_M_f32==>Pos TS2.60MtrCurr2SumZero_Volt_M_f32==>Min TS2.61MtrCurr2SumZero_Volt_M_f32==>Max TS2.62MtrCurr2SumZero_Volt_M_f32==>Pos TS2.63k_MtrCurrEOLMinOffset_Volts_f32==>Min TS2.64k_MtrCurrEOLMinOffset_Volts_f32==>Max TS2.65k_MtrCurrEOLMinOffset_Volts_f32==>Pos/Default TS2.66k_MtrCurrEOLMaxOffset_Volts_f32==>Min TS2.67k_MtrCurrEOLMaxOffset_Volts_f32==>Max TS2.68k_MtrCurrEOLMaxOffset_Volts_f32==>Pos/Default TS2.69MtrCurr1OffsetLo_Volts_M_f32==>Min TS2.70MtrCurr1OffsetLo_Volts_M_f32==>Max TS2.71MtrCurr1OffsetLo_Volts_M_f32==>Pos TS2.72MtrCurr2OffsetLo_Volts_M_f32==>Min TS2.73MtrCurr2OffsetLo_Volts_M_f32==>Max TS2.74MtrCurr2OffsetLo_Volts_M_f32==>Pos TS2.75MtrCurr1OffsetHi_Volts_M_f32==>Min TS2.76MtrCurr1OffsetHi_Volts_M_f32==>Max
TS2.77MtrCurr1OffsetHi_Volts_M_f32==>Pos
TS2.78MtrCurr2OffsetHi_Volts_M_f32==>Min TS2.78MtrCurr2OffsetHi_Volts_M_f32==>Min
TS2.79MtrCurr2OffsetHi_Volts_M_f32==>Max
TS2.80MtrCurr2OffsetHi_Volts_M_f32==>Pos
TS2.81MtrCurrValCmd_VoltCnts_M_f32==>Min
TS2.82MtrCurrValCmd_VoltCnts_M_f32==>Max
TS2.83MtrCurrValCmd_VoltCnts_M_f32==>Pos
TS2.84Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Min
TS2.85Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Max
TS2.86Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Max
TS2.86Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Pos
TS2.87Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32==>Min
TS2.88Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32==>Max
TS2.89Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32==>Pos TS2.89Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32==>Pos TS2.90Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32==>Min TS2.91Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32==>Max TS2.92Rte Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32==>Pos TS2.93Rte Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32==>Min TS2.94Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32==>Max





TS2.95Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32==>Pos
TS2.96Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Min
TS2.97Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Max
TS2.98Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS2.99k_CurrOffNoofAvg_Cnt_u16==>Min
TS2.100k_CurrOffNoofAvg_Cnt_u16==>Max
TS2.101k_CurrOffNoofAvg_Cnt_u16==>Pos/Default
TS2.102k_MtrCurrOffLoComOff_Cnt_u16==>Min/Default
TS2.103k_MtrCurrOffLoComOff_Cnt_u16==>Max
TS2.104k_MtrCurrOffLoComOff_Cnt_u16==>Pos

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	0		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	0		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	0		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	0		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	0		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	0		
CmMtrCurr_VecuSum_Volt_M_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	1		
k_MaxCurrOffMtrVel_RadpS_f32	-20		
k_MtrCurrEOLMaxOffset_Volts_f32	1		
k_MtrCurrEOLMinOffset_Volts_f32	1		
k_MtrCurrOffLoComOff_Cnt_u16	500		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-1118		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	5		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	0		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u	116	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS	5_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_	lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul

ig_nic_mo_ca_cimina can: im_cincancai	tgr_i iii_ciiouiioui			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	~	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓	
CmMtrCurr_CurroffProcessFlag_M_enum	0	0	✓	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0	0 ± 0.0003	•	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	0	0 ± 0.0003	✓	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	0	0 ± 0.0003	✓	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0	0 ± 0.0003	✓	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0	0 ± 0.0003	~	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	0	0 ± 0.0003	✓	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0	0 ± 0.0003	•	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	0	0 ± 0.0003	✓	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0	0 ± 0.0003	•	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0	0 ± 0.0003	✓	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	0	0 ± 0.0003	~	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	0	0 ± 0.0003	✓	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	0	0 ± 0.001	~	
CmMtrCurr_VecuSum_Volt_M_f32	0	0 ± 0.0009765625	✓	
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓	

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32

2016-07-24, 11:55:02+0530



1 ± 0.0003

CmMtrCurr_Per3	,		Razoncat .
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1	1 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.2 (Repeat Count = 1) Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	Input Value		
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC		
	1		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	3		
CmMtrCurr_CurroffProcessFlag_M_enum			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	5		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	5		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	50000		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	50000		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	50000		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	5		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	5		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	5		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	50000		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	50000		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	50000		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	80000		
CmMtrCurr_VecuSum_Volt_M_f32	1984		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	10000		
k_MaxCurrOffMtrVel_RadpS_f32	20		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	1500		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	1118		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	31		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	255		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur	r1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur	r2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF	RadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	10000	10000 ± 1	-
CmMtrCurr CurrOffState Uls M enum	CURROFF INTIALISE	CURROFF INTIALISE	•

Name	Actual value	Expected value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	10000	10000 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	5	5 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	5	5 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	5	5 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	50000	50000 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	50000	50000 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	50000	50000 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	5	5 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	5	5 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	5	5 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	50000	50000 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	50000	50000 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	50000	50000 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	80000	80000 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1984	1984 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.3 (Repeat Count = 1) Name	Input Value		
	1		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE 1		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc			
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78107488		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.77936649		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.77936649		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	10.2349997		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	88.1449966		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	12546.25		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57947969		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.25460005		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.69485998		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.40007114		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	154.925003		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	88.1449966		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	24410.7969		
CmMtrCurr_VecuSum_Volt_M_f32	243.964996		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	1		
k_MaxCurrOffMtrVel_RadpS_f32	13.78934		
k_MtrCurrEOLMaxOffset_Volts_f32	2.81365776		
k_MtrCurrEOLMinOffset_Volts_f32	1.01982665		
k_MtrCurrOffLoComOff_Cnt_u16	550		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.77544999		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	13		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	26.1811924		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.92093008e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79716.3125		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33796501		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4327662		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvgCounter Cnt M u16	2	2 ± 1	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2	2 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.77936649	2.77936649 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.77936649	2.77936649 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	10.2349997	10.2349997 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	88.1449966	88.1449966 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	12546.25	12546.25 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57947969	1.57947969 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.25460005	4.25460005 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	4.1755209	4.1755209 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	154.925003	154.925003 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	88.1449966	88.1449966 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	24410.7969	24410.7969 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	270.146179	270.146179 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79716.3125	79716.3125 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33796501	2.33796501 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4327662	2.4327662 ± 0.0003	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓	

Test Step 2.4 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2	
CmMtrCurr CurrOffState UIs M enum	CURROFF ZEROAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr CurroffProcessFlag M enum	3	
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3.32500005	
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.46805692	
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.46805692	
CmMtrCurr MtrCurr1SumHi Volt M f32	21.3649998	
CmMtrCurr MtrCurr1SumLo Volt M f32	99.2750015	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	15487.3604	
CmMtrCurr MtrCurr2OffsetHi Volt M f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.3657999	
CmMtrCurr MtrCurr2OffsetZero Volt M f32	3.75889993	
CmMtrCurr MtrCurr2SumHi Volt M f32	2.35386825	
CmMtrCurr MtrCurr2SumLo Volt M f32	166.054993	
CmMtrCurr MtrCurr2SumZero Volt M f32	99.2750015	
CmMtrCurr MtrCurrValCmd VoltCnt M f32	27914.8262	
CmMtrCurr VecuSum Volt M f32	255.095001	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k CurrOffNoofAvg Cnt u16	2	
k_MaxCurrOffMtrVel_RadpS_f32	15	
k MtrCurrEOLMaxOffset Volts f32	1.39142871	
k MtrCurrEOLMinOffset Volts f32	2.28647137	
k MtrCurrOffLoComOff Cnt u16	600	
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3	
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.09178734	
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	14	
tgt CmMtrCurr Per3 Vecu Volt f32.value	6.35709572	
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.82093007e-008	
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1	
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	37732.9023	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.63156509	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.93776929	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.30192566	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
Name	Actual Value Expected Value Ro	esult
CmMtrCurr CurrOffAvgCounter Cnt M u16	3 3±1	~

CmMtrCurr_Per3

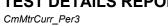




Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	Ī	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.46805692	2.46805692 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.46805692	2.46805692 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	21.3649998	21.3649998 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	99.2750015	99.2750015 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	15490.3604	15490.3604 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.3657999	4.3657999 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.35386825	2.35386825 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	166.054993	166.054993 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	100.366791	100.366791 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27914.8262	27914.8262 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	255.095001	255.095001 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	37732.9023	37732.9023 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.63156509	2.63156509 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.93776929	1.93776929 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.30192566	2.30192566 ± 0.0003	~

Test Step Call Trace				
Actual Function Count Expected Function Co				Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.5 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC
CmMtrCurr CurrOffTrimFlag Cnt M Igc	1
CmMtrCurr CurroffProcessFlag M enum	2
CmMtrCurr MtrCurr1OffsetHi Volt M f32	2.06366134
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.06732988
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.06732988
CmMtrCurr MtrCurr1SumHi Volt M f32	32.4949989
CmMtrCurr MtrCurr1SumLo Volt M f32	110.404999
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	18428.4707
CmMtrCurr MtrCurr2OffsetHi Volt M f32	2.22904086
CmMtrCurr MtrCurr2OffsetLo Volt M f32	4.47700024
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.40540409
CmMtrCurr MtrCurr2SumHi Volt M f32	2.04112172
CmMtrCurr MtrCurr2SumLo Volt M f32	177.184998
CmMtrCurr MtrCurr2SumZero Volt M f32	110.404999
CmMtrCurr MtrCurrValCmd VoltCnt M f32	23218.2402
CmMtrCurr VecuSum Volt M f32	266.225006
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k CurrOffNoofAvg Cnt u16	3
k MaxCurrOffMtrVel RadpS f32	12.5231485
k MtrCurrEOLMaxOffset Volts f32	1.09347951
k MtrCurrEOLMinOffset Volts f32	1.74270165
k MtrCurrOffLoComOff Cnt u16	650
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.5
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	12
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	18.9864292
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.72093007e-008
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	0
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	56567.5313
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.91152203
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.30852175
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3	3 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06732988	2.06732988 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.06732988	2.06732988 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	32.4949989	32.4949989 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	110.404999	110.404999 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.22904086	2.22904086 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.47700024	4.47700024 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.04112172	2.04112172 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	177.184998	177.184998 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	110.404999	110.404999 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	23218.2402	23218.2402 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	266.225006	266.225006 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56567.5313	56567.5313 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.91152203	1.91152203 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.30852175	1.30852175 ± 0.0003	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.6 (Repeat Count = 1)	√
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	2
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.98569989
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.58597875
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.58597875
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	43.625
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	121.535004
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	21369.5801
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.58820009
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.14592612
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	188.315002
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	121.535004
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	54861.9258
CmMtrCurr_VecuSum_Volt_M_f32	277.355011
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	4
k_MaxCurrOffMtrVel_RadpS_f32	11
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	3
k_MtrCurrOffLoComOff_Cnt_u16	700
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.15824986
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	10
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	25.4397964
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.62093006e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	76407.3672
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.79925156
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.44109416

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$





Name	Input Value			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.25900912			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	nt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0	Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5	5 ± 1	~	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~	
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	✓	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.58597875	2.58597875 ± 0.0003	~	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.58597875	2.58597875 ± 0.0003	~	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	44.7832489	44.7832489 ± 0.0003	•	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	121.535004	121.535004 ± 0.0003	~	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	✓	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.58820009	4.58820009 ± 0.0003	✓	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	✓	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.14592612	1.14592612 ± 0.0003	✓	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	188.315002	188.315002 ± 0.0003	✓	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	121.535004	121.535004 ± 0.0003	✓	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	54861.9258	54861.9258 ± 0.001	✓	
CmMtrCurr_VecuSum_Volt_M_f32	302.7948	302.7948 ± 0.0009765625	✓	
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✓	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	76407.3672	76407.3672 ± 0.004	✓	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.79925156	2.79925156 ± 0.0003	✓	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.44109416	2.44109416 ± 0.0003	✓	

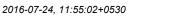
Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

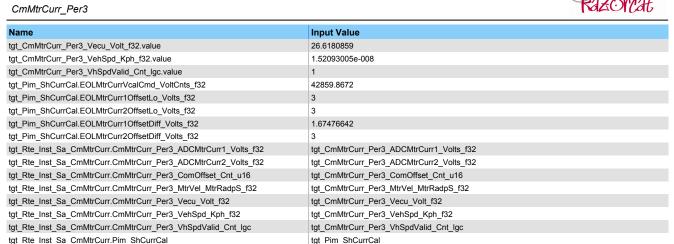
2.25900912

3 ± 0.0003

2.25900912 ± 0.0003

Test Step 2.7 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	0
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.93872654
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.14313006
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.14313006
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	54.7550011
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	12546.25
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	24310.6895
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.74477029
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.69939995
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.52099991
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	199.445007
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	132.664993
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	42270.7656
CmMtrCurr_VecuSum_Volt_M_f32	288.484985
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	5
k_MaxCurrOffMtrVel_RadpS_f32	2.29856873
k_MtrCurrEOLMaxOffset_Volts_f32	1.33624041
k_MtrCurrEOLMinOffset_Volts_f32	3
k_MtrCurrOffLoComOff_Cnt_u16	750
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.20779204
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	2





igi_Rie_	inst_sa_cmmircun.eim_sncurrcai	Igi_Pini_Sncurical		
Name		Actual Value	Expected Value	Result
CmMtrC	urr_CurrOffAvgCounter_Cnt_M_u16	6	6 ± 1	~
CmMtrC	urr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~
CmMtrC	urr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrC	urr_CurroffProcessFlag_M_enum	1	1	~
CmMtrC	urr_MtrCurr1OffsetHi_Volt_M_f32	1.93872654	1.93872654 ± 0.0003	~
CmMtrC	urr_MtrCurr1OffsetLo_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	~
CmMtrC	urr_MtrCurr1OffsetZero_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	~
CmMtrC	urr_MtrCurr1SumHi_Volt_M_f32	55.9627914	55.9627914 ± 0.0003	~
CmMtrC	urr_MtrCurr1SumLo_Volt_M_f32	12546.25	12546.25 ± 0.0003	~
CmMtrC	urr_MtrCurr1SumZero_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	~
CmMtrC	urr_MtrCurr2OffsetHi_Volt_M_f32	1.74477029	1.74477029 ± 0.0003	~
CmMtrC	urr_MtrCurr2OffsetLo_Volt_M_f32	4.69939995	4.69939995 ± 0.0003	~
CmMtrC	urr_MtrCurr2OffsetZero_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	~
CmMtrC	urr_MtrCurr2SumHi_Volt_M_f32	6	6 ± 0.0003	~
CmMtrC	urr_MtrCurr2SumLo_Volt_M_f32	199.445007	199.445007 ± 0.0003	~
CmMtrC	urr_MtrCurr2SumZero_Volt_M_f32	132.664993	132.664993 ± 0.0003	~
CmMtrC	urr_MtrCurrValCmd_VoltCnt_M_f32	42270.7656	42270.7656 ± 0.001	~
CmMtrC	urr_VecuSum_Volt_M_f32	315.103058	315.103088 ± 0.0009765625	~
tgt_CmN	NtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_	ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	42859.8672	42859.8672 ± 0.004	~
tgt_Pim_	ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_	ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_	ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.67476642	1.67476642 ± 0.0003	~
tgt_Pim_	ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.8 (Repeat Count = 1)		~
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.69017243	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.94488144	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.94488144	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	65.8850021	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	15487.3604	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	27251.8008	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.23310089	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.8105998	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.0999999	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.77322626	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	210.574997	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	143.794998	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	68027.5	
CmMtrCurr_VecuSum_Volt_M_f32	299.61499	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrOffNoofAvg_Cnt_u16	10	
k_MaxCurrOffMtrVel_RadpS_f32	17	

CmMtrCurr_Per3



Name	Input Value		
k_MtrCurrEOLMaxOffset_Volts_f32	2.99140501		
k_MtrCurrEOLMinOffset_Volts_f32	2.63000679		
k_MtrCurrOffLoComOff_Cnt_u16	800		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.5		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	16		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	13.7805471		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.42093004e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	20585.7949		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.5396297		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.98051882		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.13610566		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3.	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7	7 ± 1	~

	10-		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7	7 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.69017243	2.69017243 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.94488144	2.94488144 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.94488144	2.94488144 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	68.8850021	68.8850021 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.23310089	2.23310089 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.8105998	4.8105998 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	4.27322626	4.27322626 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	210.574997	210.574997 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	143.794998	143.794998 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	68027.5	68027.5 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	313.395538	313.395538 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	20585.7949	20585.7949 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.5396297	2.5396297 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.98051882	2.98051882 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.13610566	1.13610566 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.9 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	0	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.3003974	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.68251061	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.68251061	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	77.0149994	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	18428.4707	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	30192.9102	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91343355	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.92180014	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.19999981	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.82674897	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	221.705002	

2016-07-24, 11:55:02+0530



CmMtrCurr_Per3

Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	41807.7383		
CmMtrCurr_VecuSum_Volt_M_f32	310.744995		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	15		
k_MaxCurrOffMtrVel_RadpS_f32	17.6823654		
k_MtrCurrEOLMaxOffset_Volts_f32	2.54037666		
k_MtrCurrEOLMinOffset_Volts_f32	2.20696926		
k_MtrCurrOffLoComOff_Cnt_u16	850		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.0560705662		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.02651572		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	17		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	5		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	31152.4238		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.01032639		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.75043988		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.13556504		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result

9	1912-1112-1112-11		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	8	8 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.3003974	2.3003974 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.68251061	2.68251061 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.68251061	2.68251061 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	77.0710678	77.0710678 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91343355	1.91343355 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.92180014	4.92180014 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.85326481	2.85326457 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	221.705002	221.705002 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	41807.7383	41807.7383 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	315.744995	315.744995 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	31152.4238	31152.4238 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.01032639	1.01032639 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.75043988	2.75043988 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.13556504	1.13556504 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.10 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	8	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.18853402	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.35347366	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.35347366	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	88.1449966	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	

CmMtrCurr_Per3



Name	Input Value		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	33134.0195		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.24896121		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.32399046		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.30000019		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.4079411		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	232.835007		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	166.054993		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	2316.12231		
CmMtrCurr_VecuSum_Volt_M_f32	321.875		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	20		
k_MaxCurrOffMtrVel_RadpS_f32	14.2490196		
k_MtrCurrEOLMaxOffset_Volts_f32	2.16256571		
k_MtrCurrEOLMinOffset_Volts_f32	1.79059577		
k_MtrCurrOffLoComOff_Cnt_u16	900		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.359586239		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	14		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	31		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3217.23193		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.22488117		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cr	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	dpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_C	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	9	9 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	•
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.18853402	2.18853402 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	91.1449966	91.1449966 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	•
CmMtrCurr MtrCurr1SumZero Volt M f32	33134.0195	33134 0195 + 0 0003	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	9	9 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.18853402	2.18853402 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	91.1449966	91.1449966 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.24896121	2.24896121 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.32399046	1.32399046 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.76752734	2.76752734 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	232.835007	232.835007 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	166.054993	166.054993 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	2316.12231	2316.12231 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	352.875	352.875 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3217.23193	3217.23193 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.22488117	2.22488117 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.11 (Repeat Count = 1)	→
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	9
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1

CmMtrCurr Per3

2016-07-24, 11:55:02+0530



Input Value CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 2.4301908 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 1.7515341 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 1.7515341 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 99.2750015 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 24310.6895 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 36075.1289 $CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32$ CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 2.22926593 CmMtrCurr MtrCurr2OffsetZero Volt M f32 4 4000001 2.00158358 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 12546 25 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 177.184998 50238 3359 CmMtrCurr MtrCurrValCmd VoltCnt M f32 CmMtrCurr_VecuSum_Volt_M_f32 333.005005 Rte_Inst_Sa_CmMtrCurr tgt Rte Inst Sa CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 k_MaxCurrOffMtrVel_RadpS_f32 20 k_MtrCurrEOLMaxOffset_Volts_f32 3 k_MtrCurrEOLMinOffset_Volts_f32 1.15867352 $k_MtrCurrOffLoComOff_Cnt_u16$ 950 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 3 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 0.123802423 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 15.5 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value 1.12093002e-008 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 10727 9072 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.96896577 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 1 0980438 tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32 1.91172564 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32$ tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tot Pim ShCurrCal $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal$ **Actual Value Expected Value** Name Result CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 10 ± 1 CURROFF HIAVERAGE CURROFF HIAVERAGE CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum 2 4301908 2 4301908 + 0 0003 $CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32$ CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 1.7515341 1.7515341 ± 0.0003 1 7515341 1 7515341 + 0 0003 CmMtrCurr MtrCurr1OffsetZero Volt M f32 102.275002 102.275002 ± 0.0003 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 ~ $CmMtrCurr_MtrCurr1SumLo_Volt_M_f32$ 24310 6895 24310 6895 + 0 0003 36075.1289 36075.1289 ± 0.0003 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 ~ CmMtrCurr MtrCurr2OffsetHi Volt M f32 3 ± 0.0003 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 2.22926593 2.22926593 ± 0.0003 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 4.4000001 4.4000001 ± 0.0003 $CmMtrCurr_MtrCurr2SumHi_Volt_M_f32$ 2.125386 2.125386 ± 0.0003 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 12546.25 ± 0.0003 12546.25 $CmMtrCurr_MtrCurr2SumZero_Volt_M_f32$ 177.184998 177.184998 ± 0.0003

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

50238.3359

348.505005

10727.9072

2.96896577

1.0980438

1.91172564

4000

50238.3359 ± 0.001

10727.9072 ± 0.004

2.96896577 ± 0.0003

1.0980438 ± 0.0003

1.91172564 ± 0.0003

4000 ± 1

3 ± 0.0003

348.505005 ± 0.0009765625

CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32

tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value

 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32

tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32

CmMtrCurr_VecuSum_Volt_M_f32



Test Step 2.12 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	10		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.79951966		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.13700366		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.13700366		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	110.404999		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	39016.2383		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.41001582		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.16096163		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.5		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr MtrCurr2SumLo Volt M f32	15487.3604		
CmMtrCurr MtrCurr2SumZero Volt M f32	12546.25		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33128.5508		
CmMtrCurr_VecuSum_Volt_M_f32	344.13501		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	30		
k_MaxCurrOffMtrVel_RadpS_f32	-19.2097321		
k_MtrCurrEOLMaxOffset_Volts_f32	2.43225884		
k_MtrCurrEOLMinOffset_Volts_f32	2.51006746		
k_MtrCurrOffLoComOff_Cnt_u16	1000		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.8361516		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.29087067		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-1118		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	29.4384918		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.02093001e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	12078.0166		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.53875852		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33318686		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.6578269	Valta f22	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1 tgt_CmMtrCurr_Per3_ADCMtrCurr2		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset C		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3:		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	10	10 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.79951966	1.79951966 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	110.404999	110.404999 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	V
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.41001582	2.41001582 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.16096163	2.16096163 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.5	4.5 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	3 ± 0.0003	Y
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	· ·
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	12546.25 33128.5508	12546.25 ± 0.0003	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr VecuSum Volt M f32	33128.5508 344.13501	33128.5508 ± 0.001 344.13501 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	12078.0166	12078.0166 ± 0.004	-
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3	3 ± 0.0003	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	1.53875852	1.53875852 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33318686	2.33318686 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.6578269	2.6578269 ± 0.0003	•
tgt_f iii_oilodii.EOElvitiOdii2Oil3CtDiii Voit3 i32			



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.13 (Repeat Count = 1)					
Name	Input Value				
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	11				
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1			
CmMtrCurr_CurroffProcessFlag_M_enum	3				
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.25399995				
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.804142				
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.804142				
CmMtrCurr MtrCurr1SumHi Volt M f32	121.535004				
CmMtrCurr MtrCurr1SumLo Volt M f32	30192.9102				
CmMtrCurr MtrCurr1SumZero Volt M f32	41957.3516				
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.22717118				
CmMtrCurr MtrCurr2OffsetLo Volt M f32	2.48580837				
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.5999999				
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3				
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	18428.4707				
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	15487.3604				
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	39491.5234				
CmMtrCurr_VecuSum_Volt_M_f32	355.265015				
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr				
k_CurrOffNoofAvg_Cnt_u16	35				
k MaxCurrOffMtrVel RadpS f32	6.92200041				
k MtrCurrEOLMaxOffset Volts f32	3				
k MtrCurrEOLMinOffset Volts f32	3				
k_MtrCurrOffLoComOff_Cnt_u16	1050				
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.181411028				
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value					
	1118	3			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	28.6460514				
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value					
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	35.6961212				
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1				
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	71382.9688				
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.16483665				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.15002513				
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.73837662	4 1/ 1/ 700			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	_			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_t				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	_			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal				
Name	Actual Value	Expected Value	Resul		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	11	11 ± 1	•		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0			
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	•		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.25399995	3.25399995 ± 0.0003	•		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.804142	2.804142 ± 0.0003	•		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.804142	2.804142 ± 0.0003			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	121.535004	121.535004 ± 0.0003	•		
CmMtrCurr MtrCurr1SumLo Volt M f32	30192.9102	30192.9102 ± 0.0003	•		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	, , , , , , , , , , , , , , , , , , ,		
	41957.3516 2.22717118	41957.3516 ± 0.0003 2.22717118 ± 0.0003			

2.48580837

4.5999999

18428.4707

15487.3604

39491.5234

355.265015

0

 $CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32$

 $CmMtrCurr_MtrCurr2SumHi_Volt_M_f32$

CmMtrCurr_MtrCurr2SumLo_Volt_M_f32

CmMtrCurr_VecuSum_Volt_M_f32

 $CmMtrCurr_MtrCurr2SumZero_Volt_M_f32$

 $CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32$

CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32

2.48580837 ± 0.0003

18428.4707 ± 0.0003

15487.3604 ± 0.0003

39491.5234 ± 0.001

355.265015 ± 0.0009765625

4.5999999 ± 0.0003

3 ± 0.0003

0 ± 1





Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	71382.9688	71382.9688 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.16483665	1.16483665 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.15002513	2.15002513 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.73837662	2.73837662 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.14 (Repeat Count = 1)				✓
Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	12			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1			
CmMtrCurr_CurroffProcessFlag_M_enum	1			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.98539996			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.64458537			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.64458537			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	132.664993			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	33134.0195			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.52430105			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.2650001			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.69999981			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	21369.5801			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	18428.4707			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	30300.1953			
CmMtrCurr_VecuSum_Volt_M_f32	366.394989			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	40			
k_MaxCurrOffMtrVel_RadpS_f32	19.1226902			
k_MtrCurrEOLMaxOffset_Volts_f32	3			
k_MtrCurrEOLMinOffset_Volts_f32	3			
k_MtrCurrOffLoComOff_Cnt_u16	1100			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.65613079			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.18903208			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	314.5			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	16.249506			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	15.6099243			
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	18406.1914			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.08178854			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.59187484			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOff			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_V			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpd\	/alid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			 .
Name CmMtrCurr CurrOffAvgCounter Cnt M u16	Actual Value		expected Value 2 ± 1	Result
Chimili Cun ChavgCounter_Cht_ivi_u to	12	1	4 I I	–

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	12	12 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.98539996	3.98539996 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	132.664993	132.664993 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.52430105	2.52430105 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.2650001	3.2650001 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.6999981	4.69999981 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	30300.1953	30300.1953 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	366.394989	366.394989 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	18406.1914	18406.1914 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.08178854	2.08178854 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.59187484	1.59187484 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	13		
CmMtrCurr CurrOffState UIs M enum	CURROFF INTIALISE		
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1		
CmMtrCurr CurroffProcessFlag M enum	2		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	1.69485998		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.66018128		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.66018128		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	143.794998		
CmMtrCurr MtrCurr1SumLo Volt M f32	36075.1289		
CmMtrCurr MtrCurr1SumZero Volt M f32	47839.5703		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.94962287		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	1.73390043		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.80000019		
CmMtrCurr MtrCurr2SumHi Volt M f32	1.62268472		
CmMtrCurr MtrCurr2SumLo Volt M f32	24310.6895		
CmMtrCurr MtrCurr2SumZero Volt M f32	21369.5801		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	3181.11108		
CmMtrCurr_VecuSum_Volt_M_f32	377.524994		
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k CurrOffNoofAvg Cnt u16	45		
k MaxCurrOffMtrVel RadpS f32	-15.0795383		
k_MtrCurrEOLMaxOffset_Volts_f32	2.20697141		
k MtrCurrEOLMinOffset Volts f32	2.93438244		
k MtrCurrOffLoComOff Cnt u16	1150		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.941128969		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	0		
tgt CmMtrCurr Per3 Vecu Volt f32.value	8.32323647		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	162.35289		
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	0		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	57525.4609		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.54585195		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.38396788		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt CmMtrCurr Per3 VhSpdValid Cnt Igc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CmMtrCurr CurrOffAvaCounter Cnt M u16	13	13 + 1	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	13	13 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	143.794998	143.794998 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.94962287	2.94962287 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.73390043	1.73390043 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.80000019	4.80000019 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.62268472	1.62268472 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	3181.11108	3181.11108 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	377.524994	377.524994 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	57525.4609	57525.4609 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.54585195	2.54585195 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.38396788	2.38396788 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.16 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	14		
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr CurroffProcessFlag M enum	1		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3.75889993		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	1.78107488		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	1.78107488		
CmMtrCurr MtrCurr1SumHi Volt M f32	154.925003		
CmMtrCurr MtrCurr1SumLo Volt M f32	39016.2383		
CmMtrCurr1SumZero_Volt_M_f32	154.925003		
CmMtrCurr MtrCurr2OffsetHi Volt M f32	2.03602362		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.98749995		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.92550302		
CmMtrCurr MtrCurr2SumHi Volt M f32	1.3337326		
CmMtrCurr MtrCurr2SumLo Volt M f32	27251.8008		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	24310.6895		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	3614.49951		
CmMtrCurr_VecuSum_Volt_M_f32	388.654999		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	50		
k_MaxCurrOffMtrVel_RadpS_f32	-4.23487806		
k_MtrCurrEOLMaxOffset_Volts_f32	1.40606785		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	1200		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.92189884		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-610.5		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	30.7622643		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	214.670868		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	14597.293		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.34711111		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.97548544		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.10774446		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	14	14 ± 1	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	154.925003	154.925003 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.03602362	2.03602362 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.98749995	3.98749995 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.92550302	2.92550302 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.3337326	1.3337326 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	3614.49951	3614.49951 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	388.654999	388.654999 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	14597.293	14597.293 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.34711111	1.34711111 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.97548544	1.97548544 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.10774446	2.10774446 ± 0.0003	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓	

Test Step 2.17 (Repeat Count = 1)	→
Name	Input Value
CmMtrCurr CurrOffAvgCounter Cnt M u16	15
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1
CmMtrCurr CurroffProcessFlag M enum	0
CmMtrCurr MtrCurr1OffsetHi Volt M f32	2.40540409
CmMtrCurr MtrCurr1OffsetLo Volt M f32	3.32500005
CmMtrCurr MtrCurr1OffsetZero Volt M f32	3.32500005
CmMtrCurr MtrCurr1SumHi Volt M f32	166,054993
CmMtrCurr MtrCurr1SumLo Volt M f32	41957,3516
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	166.054993
CmMtrCurr MtrCurr2OffsetHi Volt M f32	2.75222397
CmMtrCurr MtrCurr2OffsetLo Volt M f32	1,9196099
CmMtrCurr MtrCurr2OffsetZero Volt M f32	1.38621521
CmMtrCurr MtrCurr2SumHi Volt M f32	2.40841341
CmMtrCurr MtrCurr2SumLo Volt M f32	30192.9102
CmMtrCurr MtrCurr2SumZero Volt M f32	27251.8008
CmMtrCurr MtrCurrValCmd VoltCnt M f32	20083.1113
CmMtrCurr VecuSum Volt M f32	399.785004
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k CurrOffNoofAvg Cnt u16	55
k MaxCurrOffMtrVel RadpS f32	0.204714358
k MtrCurrEOLMaxOffset Volts f32	2.71582174
k MtrCurrEOLMinOffset Volts f32	2.60700464
k MtrCurrOffLoComOff Cnt u16	1250
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	1,49414468
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	1.01840758
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-616.203186
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	26.5270271
tgt CmMtrCurr Per3 VehSpd Kph f32.value	0
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	0
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	55094.5625
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.94090986
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.16279387
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32
	[3_2





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	15	15 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	166.054993	166.054993 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	166.054993	166.054993 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.75222397	2.75222397 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.9196099	1.9196099 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.38621521	1.38621521 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.40841341	2.40841341 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	20083.1113	20083.1113 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	399.785004	399.785004 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	55094.5625	55094.5625 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.94090986	1.94090986 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.16279387	2.16279387 ± 0.0003	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓	

Test Step 2.18 (Repeat Count = 1)	▼
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	16
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	2
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06366134
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.06366134
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	12546.25
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	44898.4609
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	177.184998
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.44942665
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.3681531
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.37339675
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	30192.9102
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	32372.3828
CmMtrCurr_VecuSum_Volt_M_f32	410.915009
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	60
k_MaxCurrOffMtrVel_RadpS_f32	16.9027214
k_MtrCurrEOLMaxOffset_Volts_f32	1.87792957
k_MtrCurrEOLMinOffset_Volts_f32	2.25015759
k_MtrCurrOffLoComOff_Cnt_u16	1300
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.36242628
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-103.677658
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	23.799696
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	255
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	33462.3984
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.43301225
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.2017374

 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$





Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.4267602		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.13100731		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF	RadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	16	16 ± 1	-
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	-
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	-
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	-
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	-
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	12546.25	12546.25 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	-
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	177.184998	177.184998 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	-
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.44942665	2.44942665 ± 0.0003	·
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.3681531	2.3681531 ± 0.0003	-
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.37339675	1.37339675 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	-
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	-
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	32372.3828	32372.3828 ± 0.001	-
CmMtrCurr_VecuSum_Volt_M_f32	410.915009	410.915009 ± 0.0009765625	-
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	-

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

33462.3984

1.43301225

2.2017374

1.4267602

1.13100731

33462.3984 ± 0.004

1.43301225 ± 0.0003

2.2017374 ± 0.0003

1.4267602 ± 0.0003 1.13100731 ± 0.0003

Test Step 2.19 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	17
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	2
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.52099991
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98569989
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98569989
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15487.3604
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	47839.5703
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	188.315002
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.18046904
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.66692173
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.1426152
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.4738692
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	33134.0195
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25421.9316
CmMtrCurr_VecuSum_Volt_M_f32	422.045013
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	65
k_MaxCurrOffMtrVel_RadpS_f32	-13.0541534
k_MtrCurrEOLMaxOffset_Volts_f32	1.67999744
k_MtrCurrEOLMinOffset_Volts_f32	2.30098414
k_MtrCurrOffLoComOff_Cnt_u16	1350
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.179735422
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-677.520386





Name	Input Value			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	15.8433237			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	185.5			
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	53783.1406	53783.1406		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19870925			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.58489704	2.58489704		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.38878167			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Vol	ts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr CurrOffAvaCounter Cnt M u16	17	17 + 1		

3	10	192 2			
Name	Actual Value	Expected Value	Result		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	17	17 ± 1	~		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓		
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	✓		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	✓		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	✓		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	✓		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	✓		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	188.315002	188.315002 ± 0.0003	✓		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.18046904	2.18046904 ± 0.0003	✓		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.66692173	1.66692173 ± 0.0003	✓		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.1426152	1.1426152 ± 0.0003	✓		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.4738692	1.4738692 ± 0.0003	✓		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	✓		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	✓		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25421.9316	25421.9316 ± 0.001	✓		
CmMtrCurr_VecuSum_Volt_M_f32	422.045013	422.045013 ± 0.0009765625	✓		
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	53783.1406	53783.1406 ± 0.004	✓		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19870925	1.19870925 ± 0.0003	✓		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.58489704	2.58489704 ± 0.0003	✓		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.38878167	1.38878167 ± 0.0003	✓		

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.20 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	18	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.0999999	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.93872654	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.93872654	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	18428.4707	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.82349932	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	199.445007	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.71042848	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.90609932	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	39016.2383	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	36075.1289	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31522.125	
CmMtrCurr_VecuSum_Volt_M_f32	433.174988	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrOffNoofAvg_Cnt_u16	70	
k_MaxCurrOffMtrVel_RadpS_f32	13.8425341	

CmMtrCurr_Per3





Name	Input Value		
k_MtrCurrEOLMaxOffset_Volts_f32	2.7211206		
k_MtrCurrEOLMinOffset_Volts_f32	2.02014756		
k_MtrCurrOffLoComOff_Cnt_u16	1400		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.224947453		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.9297123		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	396.243774		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	5.44003773		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	126.843292		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	1546.61206		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69203067		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.44071484		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_\	'olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_\	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt	_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadp	S_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cn	t_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	18	18 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.93872654	1.93872654 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.93872654	1.93872654 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.82349932	1.82349932 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	199.445007	199.445007 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.71042848	1.71042848 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.90609932	2.90609932 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31522.125	31522.125 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	433.174988	433.174988 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	1546.61206	1546.61206 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69203067	1.69203067 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.44071484	1.44071484 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	_

Test Step 2.21 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	19
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	2
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.19999981
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.69017243
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.69017243
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	21369.5801
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.74343467
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	210.574997
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.57607889
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	25.1210327
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	41957.3516

CmMtrCurr_Per3



Name	Input Value		
CmMtrCurr MtrCurr2SumZero Volt M f32	39016.2383		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	72475.2188		
CmMtrCurr_VecuSum_Volt_M_f32	444.304993		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	75		
k_MaxCurrOffMtrVel_RadpS_f32	6.76178551		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	1450		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.824068785		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-167.069183		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	9.52959633		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	249.121536		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	27077.7988		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.92295754		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	19	19 ± 1	~

@CC	1912-1112-1112-11		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	19	19 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.69017243	2.69017243 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.69017243	2.69017243 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.74343467	2.74343467 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	210.574997	210.574997 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.57607889	1.57607889 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	25.1210327	25.1210327 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	72475.2188	72475.2188 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	444.304993	444.304993 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	27077.7988	27077.7988 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.92295754	1.92295754 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.22 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	20	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	0	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.30000019	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.3003974	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.3003974	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	24310.6895	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.34184277	



CmMtrCurr_Per3	2016-07-24, 11:55:02+0530		Razoncat
Name	Input Value		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	221.705002		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	23.8775063		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	44898.4609		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	41957.3516		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	46984.3398		
CmMtrCurr_VecuSum_Volt_M_f32	455.434998		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	80		
k_MaxCurrOffMtrVel_RadpS_f32	-18.0829964		
k_MtrCurrEOLMaxOffset_Volts_f32	1.20897365		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	1500		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.09947371		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.35451436		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	265.244537		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	18.7624416		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	97.4316254		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	12611.4561		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.57766676		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70045638		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.75820065		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_\	/olts_f32 tgt_CmMtrCurr_Per3_ADCM	trCurr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_\	/olts_f32 tgt_CmMtrCurr_Per3_ADCM	trCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_	_u16 tgt_CmMtrCurr_Per3_ComO	ffset_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadp	oS_f32 tgt_CmMtrCurr_Per3_MtrVel	_MtrRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f3	tgt_CmMtrCurr_Per3_VehSp	d_Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cn	t_lgc tgt_CmMtrCurr_Per3_VhSpd	Valid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	20	20 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.3003974	2.3003974 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.3003974	2.3003974 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	•
CmMtrCurr MtrCurr1Cuml a Valt M f22	1 2/10/277	4 24404277 + 0 0002	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	20	20 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.3003974	2.3003974 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.3003974	2.3003974 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.34184277	1.34184277 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	221.705002	221.705002 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	23.8775063	23.8775063 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	46984.3398	46984.3398 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	455.434998	455.434998 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	12611.4561	12611.4561 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.57766676	1.57766676 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70045638	2.70045638 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.75820065	1.75820065 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.23 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	21	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	

CmMtrCurr Per3

2016-07-24, 11:55:02+0530



Input Value CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 4.4000001 2.18853402 CmMtrCurr MtrCurr1OffsetLo Volt M f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 2.18853402 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 27251.8008 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 1.0530895 CmMtrCurr MtrCurr1SumZero Volt M f32 232.835007 $CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32$ 2.72687054 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 1.30570102 $CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32$ 2 44151449 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 125.410637 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 47839 5703 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 44898.4609 CmMtrCurr MtrCurrValCmd VoltCnt M f32 31777 1211 CmMtrCurr_VecuSum_Volt_M_f32 466.565002 Rte_Inst_Sa_CmMtrCurr tgt Rte Inst Sa CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 85 k_MaxCurrOffMtrVel_RadpS_f32 17.3677788 k_MtrCurrEOLMaxOffset_Volts_f32 3 k_MtrCurrEOLMinOffset_Volts_f32 3 $k_MtrCurrOffLoComOff_Cnt_u16$ 569 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 3 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 3 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value -576.014526 tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 15.9636936 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value 124.059662 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 78596.2422 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 1.66544139 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 1 41828871 tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32 2.1423645 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 1 47283912 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32$ tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal$ tot Pim ShCurrCal **Actual Value Expected Value** Name Result CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 21 ± 1 CURROFF INTIALISE CURROFF INTIALISE CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc 0 0 CmMtrCurr CurroffProcessFlag M enum 3 4 4000001 4 4000001 + 0 0003 $CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32$ CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 2.18853402 2.18853402 ± 0.0003 2 18853402 2 18853402 + 0 0003 CmMtrCurr MtrCurr1OffsetZero Volt M f32 27251.8008 ± 0.0003 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 27251.8008 ~ CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 1 0530895 1 0530895 + 0 0003 232.835007 232.835007 ± 0.0003 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 ~ CmMtrCurr MtrCurr2OffsetHi Volt M f32 2.72687054 2.72687054 ± 0.0003 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 1.30570102 1.30570102 ± 0.0003 CmMtrCurr MtrCurr2OffsetZero Volt M f32 2.44151449 2.44151449 ± 0.0003 $CmMtrCurr_MtrCurr2SumHi_Volt_M_f32$ 125.410637 125.410637 ± 0.0003 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 47839.5703 47839.5703 ± 0.0003 $CmMtrCurr_MtrCurr2SumZero_Volt_M_f32$ 44898.4609 44898.4609 ± 0.0003 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 31777.1211 31777.1211 ± 0.001 CmMtrCurr_VecuSum_Volt_M_f32 466.565002 466.565002 ± 0.0009765625

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

78596.2422

1.66544139

1.41828871

2.1423645

1.47283912

0

0 ± 1

78596.2422 ± 0.004

1.66544139 ± 0.0003

1.41828871 ± 0.0003

2.1423645 ± 0.0003

1.47283912 ± 0.0003

tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value

 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$

 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32$

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32

tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32





Test Step 2.24 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	22		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.5		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.4301908		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.4301908		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	30192.9102		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.49484968		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	243.964996		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91161692		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.65869999		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3 35.2140007		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr MtrCurr2SumLo Volt M f32	110.404999		
CmMtrCurr MtrCurr2SumZero Volt M f32	47839.5703		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242		
CmMtrCurr_VecuSum_Volt_M_f32	477.695007		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	90		
k MaxCurrOffMtrVel RadpS f32	0.119885504		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1.68836021		
k_MtrCurrOffLoComOff_Cnt_u16	587		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.214018106		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-832.153381		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	7.86561155		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	140.034927		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	35326.4414		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19832134		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70113182		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.12521768		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.1041311	Valta f22	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1 tgt_CmMtrCurr_Per3_ADCMtrCurr2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3:		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_0		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	22	22 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.5	4.5 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.4301908	2.4301908 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.4301908	2.4301908 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.49484968	2.49484968 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	243.964996	243.964996 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91161692	1.91161692 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.65869999	3.65869999 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	35.2140007	35.2140007 ± 0.0003	V
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	110.404999	110.404999 ± 0.0003	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	V
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242	56885.8242 ± 0.001	· ·
CmMtrCurr_VecuSum_Volt_M_f32	477.695007 0	477.695007 ± 0.0009765625	.,
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	35326.4414	0 ± 1 35326.4414 ± 0.004	-
tgt_Pim_SnCurrCal.EOLMtrCurrVcalCmd_voitCnts_t32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19832134	1.19832134 ± 0.0003	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.70113182	2.70113182 ± 0.0003	
19onounoucocmirounzonatico_voita_laz			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32			-
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.12521768 1.1041311	2.12521768 ± 0.0003 1.1041311 ± 0.0003	· ·



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	•

Test Step 2.25 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	23		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0		
CmMtrCurr CurroffProcessFlag M enum	2		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.5999999		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.79951966		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	1.79951966		
CmMtrCurr MtrCurr1SumHi Volt M f32	33134.0195		
CmMtrCurr MtrCurr1SumLo Volt M f32	36.25		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	255.095001		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	2.22926593		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.07224905		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	306.320007		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	121.535004		
	36.25		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr MtrCurrValCmd VoltCnt M f32	50238.3359		
	488.825012		
CmMtrCurr_VecuSum_Volt_M_f32 Rte Inst Sa CmMtrCurr			
	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	95		
k_MaxCurrOffMtrVel_RadpS_f32	20		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1.15867352		
k_MtrCurrOffLoComOff_Cnt_u16	635		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.123802423		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-282.08429		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	15		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	148.213425		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10727.9072		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96896577		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.0980438		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.91172564		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	23	23 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	2	2	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.79951966	1.79951966 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.79951966	1.79951966 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	36.25	36.25 ± 0.0003	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	255.095001	255.095001 ± 0.0003	
CmMtrCurr MtrCurr2OffsetHi Volt M f32	3	3 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.22926593	2.22926593 ± 0.0003	
	1.07224905	1.07224905 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32			

306.320007

121.535004

50238.3359

488.825012

36.25

0

CmMtrCurr_MtrCurr2SumHi_Volt_M_f32

 $CmMtrCurr_MtrCurr2SumLo_Volt_M_f32$

CmMtrCurr_VecuSum_Volt_M_f32

CmMtrCurr_MtrCurr2SumZero_Volt_M_f32

 $CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32$

306.320007 ± 0.0003

121.535004 ± 0.0003

50238.3359 ± 0.001

488.825012 ± 0.0009765625

36.25 ± 0.0003

0 ± 1





Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10727.9072	10727.9072 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96896577	2.96896577 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.0980438	1.0980438 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.91172564	1.91172564 ± 0.0003	✓
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.26 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	24		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.69999981		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.25399995		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.25399995		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	36075.1289		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	303.209991		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	266.225006		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.89499998		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.14313006		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	311.214996		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	132.664993		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	303.209991		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	78099.0078		
CmMtrCurr_VecuSum_Volt_M_f32	499.954987		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCur	r	
k_CurrOffNoofAvg_Cnt_u16	100		
k_MaxCurrOffMtrVel_RadpS_f32	7.48777437		
k_MtrCurrEOLMaxOffset_Volts_f32	2.68959165		
k_MtrCurrEOLMinOffset_Volts_f32	1.08763385		
k_MtrCurrOffLoComOff_Cnt_u16	987		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.36983299		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.32406759		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-663.051086		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	12.4553289		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	172.531006		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	16086.1211		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.52357078		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.91988373		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.69713283		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCN		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCN		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_Com0		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVe		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehS	· - · -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSp	uvaliu_Cnt_igc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		n
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	24	24 ± 1	✓

Actual Value	Expected Value	Result
24	24 ± 1	~
CURROFF_INTIALISE	CURROFF_INTIALISE	✓
0	0	~
0	0	~
4.6999981	4.69999981 ± 0.0003	~
3.25399995	3.25399995 ± 0.0003	~
3.25399995	3.25399995 ± 0.0003	~
36075.1289	36075.1289 ± 0.0003	✓
303.209991	303.209991 ± 0.0003	~
266.225006	266.225006 ± 0.0003	✓
3	3 ± 0.0003	~
3.89499998	3.89499998 ± 0.0003	~
2.14313006	2.14313006 ± 0.0003	~
	24 CURROFF_INTIALISE 0 0 4.69999981 3.25399995 3.25399995 36075.1289 303.209991 266.225006 3 3.89499998	24





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	311.214996	311.214996 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	132.664993	132.664993 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	303.209991	303.209991 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	78099.0078	78099.0078 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	499.954987	499.954987 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	16086.1211	16086.1211 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.52357078	1.52357078 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.91988373	2.91988373 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.69713283	2.69713283 ± 0.0003	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	25		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	2		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.80000019		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98539996		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98539996		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	39016.2383		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	32.25		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	12546.25		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.51416945		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.94488144		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	143.794998		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.2774384		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	19845.2715		
CmMtrCurr_VecuSum_Volt_M_f32	511.084991		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	105		
k_MaxCurrOffMtrVel_RadpS_f32	-17.301012		
k_MtrCurrEOLMaxOffset_Volts_f32	1.3792882		
k_MtrCurrEOLMinOffset_Volts_f32	1.04392648		
k_MtrCurrOffLoComOff_Cnt_u16	654		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.87480044		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.17176461		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	289.772217		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	22.3622627		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	9.77714539		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	55950.4102		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.83865476		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	1_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvaCounter Cnt M vi16	25	25 + 1	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	25	25 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.80000019	4.80000019 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98539996	3.98539996 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98539996	3.98539996 ± 0.0003	✓





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	32.25	32.25 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	12546.25	12546.25 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.51416945	2.51416945 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.94488144	2.94488144 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	143.794998	143.794998 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.2774384	2.2774384 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	19845.2715	19845.2715 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	511.084991	511.084991 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	55950.4102	55950.4102 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.83865476	2.83865476 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

- 101 000/5 10 10			
Test Step 2.28 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	26		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.92550302		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.69485998		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.69485998		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	41957.3516		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	39.5209999		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	15487.3604		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.43548334		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.25410008		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.68251061		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	18428.4707		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	154.925003		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.46330607		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31113.5039		
CmMtrCurr_VecuSum_Volt_M_f32	522.215027		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k CurrOffNoofAvg Cnt u16	110		
k_MaxCurrOffMtrVel_RadpS_f32	-20		
k MtrCurrEOLMaxOffset Volts f32	1.52888		
k MtrCurrEOLMinOffset Volts f32	1.59338915		
k_MtrCurrOffLoComOff_Cnt_u16	789		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.49078679		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.53748775		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	506.166565		
tgt CmMtrCurr Per3 Vecu Volt f32.value	18.4451694		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	230.269608		
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	67286.625		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.59164679		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.054039		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.98518658		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	Volts f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2	_	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cn	_	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel MtrRad	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt_CrimitiCdii_Fer3_Veca_Voit_i32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_venSpd_Kpn_t32 tgt_CmMtrCurr_Per3_vhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Crimiticum_Pers_vrispovalid_Crit_igc		
		Expected Value	Decuit
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	20	26 ± 1	





Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.92550302	2.92550302 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	39.5209999	39.5209999 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.43548334	1.43548334 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.25410008	3.25410008 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.68251061	2.68251061 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	154.925003	154.925003 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.46330607	1.46330607 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31113.5039	31113.5039 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	522.215027	522.215027 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	67286.625	67286.625 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.59164679	1.59164679 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.054039	2.054039 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.98518658	1.98518658 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.29 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	27
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.38621521
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.75889993
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.75889993
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	44898.4609
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.58627987
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	18428.4707
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.38276362
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.04989088
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	21369.5801
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	166.054993
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.46555519
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	17699.4063
CmMtrCurr_VecuSum_Volt_M_f32	533.344971
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	115
k_MaxCurrOffMtrVel_RadpS_f32	20
k_MtrCurrEOLMaxOffset_Volts_f32	2.42044473
k MtrCurrEOLMinOffset Volts f32	1.16527128
k MtrCurrOffLoComOff Cnt u16	852
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.59128475
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	1.64014673
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	1065.00781
tgt CmMtrCurr Per3 Vecu Volt f32.value	10.0699291
tgt CmMtrCurr Per3 VehSpd Kph f32.value	87.1394653
tgt CmMtrCurr Per3 VhSpdValid Cnt lgc.value	1
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	7335.57324
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.40194368
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	1.55063355
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.35192561
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.89161241
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel MtrRadpS f32





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	27	27 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.38621521	1.38621521 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.58627987	2.58627987 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.38276362	2.38276362 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.04989088	1.04989088 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	166.054993	166.054993 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.46555519	2.46555519 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	17699.4063	17699.4063 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	533.344971	533.344971 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	7335.57324	7335.57324 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.40194368	1.40194368 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.55063355	1.55063355 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.35192561	2.35192561 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.89161241	1.89161241 ± 0.0003	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.30 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	28
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.3681531
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.40540409
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.40540409
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	47839.5703
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.18104506
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	21369.5801
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.92404044
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.69780493
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.7515341
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	24310.6895
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	177.184998
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	74187.0156
CmMtrCurr_VecuSum_Volt_M_f32	544.474976
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	120
k_MaxCurrOffMtrVel_RadpS_f32	3.5
k_MtrCurrEOLMaxOffset_Volts_f32	2.35738397
k_MtrCurrEOLMinOffset_Volts_f32	2.18284035
k_MtrCurrOffLoComOff_Cnt_u16	963
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.05517173
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-627.210938
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	29.2086487
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	30.014267
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	814.319275
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.10841858



CmMtrCurr_Per3

Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.16706681		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	28	28 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	28	28 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.3681531	2.3681531 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.18104506	2.18104506 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.92404044	1.92404044 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.69780493	2.69780493 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.7515341	1.7515341 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	177.184998	177.184998 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	74187.0156	74187.0156 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	544.474976	544.474976 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	814.319275	814.319275 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.10841858	1.10841858 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.16706681	2.16706681 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.31 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	29
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.1426152
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.16658521
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3.87540007
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	24310.6895
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.56662393
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13700366
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	27251.8008
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	10.2349997
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.95115638
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	10990.1563
CmMtrCurr_VecuSum_Volt_M_f32	555.60498
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	125
k_MaxCurrOffMtrVel_RadpS_f32	0
k_MtrCurrEOLMaxOffset_Volts_f32	2.02416611
k_MtrCurrEOLMinOffset_Volts_f32	2.74298716
k_MtrCurrOffLoComOff_Cnt_u16	741
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.11736822
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.458493233
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	319.96756

CmMtrCurr_Per3



Name	Input Value		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	15.0659857		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	108.936737		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	54494.7188		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34625721		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.13625836		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCN	/trCurr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCN	/trCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComC	Offset_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVe	I_MtrRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_	_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehS	pd_Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSp	dValid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
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ig_rtte_ms_ca_cmintroun:rm_chouncar	tgt_i iii_oilodii odi		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	29	29 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.1426152	1.1426152 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.16658521	2.16658521 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3.87540007	3.87540007 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.56662393	2.56662393 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	10.2349997	10.2349997 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.95115638	1.95115638 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	10990.1563	10990.1563 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	555.60498	555.60498 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	54494.7188	54494.7188 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34625721	2.34625721 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.13625836	1.13625836 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.32 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	30	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	0	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.52099991	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.52099991	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.70221376	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.97247601	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	27251.8008	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.58498359	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.804142	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.22132409	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	21.3649998	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.21605432	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56785	
CmMtrCurr_VecuSum_Volt_M_f32	566.734985	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrOffNoofAvg_Cnt_u16	130	
k_MaxCurrOffMtrVel_RadpS_f32	-2.5	

CmMtrCurr_Per3

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1.18993354 ± 0.0003

2.38486934 ± 0.0003

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Name	Input Value		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	2.7864852		
k_MtrCurrOffLoComOff_Cnt_u16	852		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	976.553101		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	13.73598		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	197.528702		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6106.29541		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.64925992		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.18993354		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.38486934		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	r1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	r2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF	RadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_t	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	30	30 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.70221376	2.70221376 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.97247601	2.97247601 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.58498359	2.58498359 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.804142	2.804142 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.22132409	1.22132409 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	21.3649998	21.3649998 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.21605432	1.21605432 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56785	56785 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	566.734985	566.734985 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6106.29541	6106.29541 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.64925992	1.64925992 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

1.18993354

2.38486934

Test Step 2.33 (Repeat Count = 1)		~
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	42	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	2	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.45582378	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.78107488	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	125.410637	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	110.404999	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	10.2349997	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$

2016-07-24, 11:55:02+0530



CmMtrCurr_Per3

Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	62192.375		
CmMtrCurr_VecuSum_Volt_M_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	3350		
k_MaxCurrOffMtrVel_RadpS_f32	12.229619		
k_MtrCurrEOLMaxOffset_Volts_f32	2.94048262		
k_MtrCurrEOLMinOffset_Volts_f32	2.32975316		
k_MtrCurrOffLoComOff_Cnt_u16	600		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.425478697		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.19067407		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	12		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	20.8203239		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72154		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.47219872		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.17255747		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.227018		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	dpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result

tg_rtte_mot_od_omma ourr.r im_onourrour	tgt_r iiii_oilodii		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	43	43 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.45582378	1.45582378 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	125.836113	125.836113 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	110.404999	110.404999 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	12.4256735	12.4256744 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007	199.445007 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	62192.375	62192.375 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	20.8203239	20.8203239 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72154	72154 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.47219872	1.47219872 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.17255747	1.17255747 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.227018	1.227018 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.34 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	31	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.0999999	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.0999999	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.48992085	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.68548179	

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Input Value $CmMtrCurr_MtrCurr1SumZero_Volt_M_f32$ 30192.9102 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 1.64645708 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 3.98569989 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 2.64458537 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 1.35220647 $CmMtrCurr_MtrCurr2SumLo_Volt_M_f32$ 32.4949989 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 3 $CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32$ 65784.1328 CmMtrCurr_VecuSum_Volt_M_f32 577.86499 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 135 k_MaxCurrOffMtrVel_RadpS_f32 8 21017742 k_MtrCurrEOLMaxOffset_Volts_f32 2.68886065 1 79667687 k MtrCurrEOLMinOffset Volts f32 k_MtrCurrOffLoComOff_Cnt_u16 674 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 3 $tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value$ 2.4808383 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value 8 $tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value$ 25.8124847 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value 1.52093005e-008 $tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value$ 1 tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 48316.1758 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32$ 2.95542264 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 1.64321661 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32$ $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$ 2.54192924 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32$ tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt CmMtrCurr Per3 VhSpdValid Cnt Igc tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0	0 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0	0 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.64645708	1.64645708 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0	0 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	0	0 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	65784.1328	65784.1328 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	0	0 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	48316.1758	48316.1758 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.95542264	2.95542264 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.64321661	1.64321661 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.54192924	2.54192924 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.35 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	32
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1

CmMtrCurr Per3

2016-07-24, 11:55:02+0530



Input Value CmMtrCurr_CurroffProcessFlag_M_enum 0 CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 4.19999981 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 4.19999981 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 3 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 3.12540007 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 33134.0195 $CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32$ 3 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 3.41750002 $CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32$ 2 66018128 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 43 625 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 1.87105429 54641 4297 CmMtrCurr MtrCurrValCmd VoltCnt M f32 CmMtrCurr_VecuSum_Volt_M_f32 588.994995 Rte_Inst_Sa_CmMtrCurr tgt Rte Inst Sa CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 140 k_MaxCurrOffMtrVel_RadpS_f32 10.7542696 k_MtrCurrEOLMaxOffset_Volts_f32 3 k_MtrCurrEOLMinOffset_Volts_f32 $k_MtrCurrOffLoComOff_Cnt_u16$ 624 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.35665202 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 1.39090562 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 10.8860092 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value 1.42093004e-008 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 5549.88623 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 3 2.08785343 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32 2.94626999 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 2 92457032 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tot Pim ShCurrCal $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal$ **Actual Value Expected Value** Name Result CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 32 ± 1 CURROFF INTIALISE CURROFF INTIALISE CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc 0 0 CmMtrCurr_CurroffProcessFlag_M_enum 3 3 3 + 0 0003 $CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32$ CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 4.19999981 4.19999981 ± 0.0003 4 19999981 + 0 0003 V CmMtrCurr MtrCurr1OffsetZero Volt M f32 4 19999981 3 ± 0.0003 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 ~ $CmMtrCurr_MtrCurr1SumLo_Volt_M_f32$ 3 12540007 3 12540007 + 0 0003 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 33134.0195 33134.0195 ± 0.0003 ~ CmMtrCurr MtrCurr2OffsetHi Volt M f32 3 ± 0.0003 3 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 3.41750002 3.41750002 ± 0.0003 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 2.66018128 2.66018128 ± 0.0003 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 3 ± 0.0003 3 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 43.625 43.625 ± 0.0003 $CmMtrCurr_MtrCurr2SumZero_Volt_M_f32$ 1.87105429 1.87105429 ± 0.0003 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 54641.4297 54641.4297 ± 0.001

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

588.994995

5549.88623

2.08785343

2.94626999

2.92457032

0

CmMtrCurr_VecuSum_Volt_M_f32

tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value

 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$

 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32$

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32

tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32

588.994995 ± 0.0009765625

5549.88623 ± 0.004

2.08785343 ± 0.0003

2.94626999 ± 0.0003

2.92457032 ± 0.0003

0 ± 1

3 ± 0.0003



Test Step 2.36 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	33		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.44151449		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.30000019		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.30000019		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.63504803		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.00935435		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	36075.1289		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.91423535		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.0999999		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488 1.76121855		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr MtrCurr2SumLo Volt M f32	54.7550011		
CmMtrCurr MtrCurr2SumZero Volt M f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	35505.4063		
CmMtrCurr VecuSum Volt M f32	600.125		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	145		
k_MaxCurrOffMtrVel_RadpS_f32	15.0080853		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	2.46811771		
k_MtrCurrOffLoComOff_Cnt_u16	654		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.596982956		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	15		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	17.0688171		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	77261.1328		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.34409523		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70458388		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.86090136		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	Volta f22	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel MtrRad	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	· -	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_C		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	34	34 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	•
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.44151449	2.44151449 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	4.63504791	4.63504791 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.00935435	2.00935435 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.91423535	2.91423535 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	*
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.3582015	2.3582015 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	54.7550011 3	54.7550011 ± 0.0003	- 4
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr MtrCurrValCmd VoltCnt M f32	35505.4063	3 ± 0.0003 35505.4063 ± 0.001	
CmMtrCurr VecuSum Volt M f32	617.193848	617.193848 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	77261.1328	77261.1328 ± 0.004	·
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.34409523	2.34409523 ± 0.0003	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.70458388	2.70458388 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.86090136	2.86090136 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgC_1 III_GITGUITGUITGUITGUITGUITGUITGUITGUITGUITG			



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.37 (Repeat Count = 1)			V
Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	34		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF LOAVERAGE		
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1		
CmMtrCurr CurroffProcessFlag M enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.4000001		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.4000001		
CmMtrCurr MtrCurr1SumHi Volt M f32	1.16198051		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.49484968		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	39016.2383		
CmMtrCurr MtrCurr2OffsetHi Volt M f32	1.91161692		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	4.19999981		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.08536386		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	29.4384918		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	12546.25		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.1677835		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242		
CmMtrCurr_VecuSum_Volt_M_f32	611.255005		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	150		
k_MaxCurrOffMtrVel_RadpS_f32	0.119885504		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1.68836021		
k_MtrCurrOffLoComOff_Cnt_u16	617		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.214018106		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	0		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	7.86561155		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	35326.4414		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19832134		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70113182		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.12521768		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.1041311		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	35	35 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	•
CmMtrCurr CurroffProcessFlag M enum	1	1	

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Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	35	35 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.16198051	1.16198051 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.70886779	2.70886779 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91161692	1.91161692 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.08536386	2.08536386 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	29.4384918	29.4384918 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	12549.25	12549.25 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.1677835	2.1677835 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242	56885.8242 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	611.255005	611.255005 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	617	617 ± 1	~





Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	35326.4414	35326.4414 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19832134	1.19832134 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70113182	2.70113182 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.12521768	2.12521768 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.1041311	1.1041311 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.38 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	35			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1			
CmMtrCurr_CurroffProcessFlag_M_enum	1	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.07224905			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.45837879			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.82349932			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	41957.3516			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.71042848			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.30000019			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.85310507			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	28.6460514			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	15487.3604			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31522.125			
CmMtrCurr_VecuSum_Volt_M_f32	622.38501			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	155			
k_MaxCurrOffMtrVel_RadpS_f32	13.8425341			
k_MtrCurrEOLMaxOffset_Volts_f32	2.7211206			
k_MtrCurrEOLMinOffset_Volts_f32	2.02014756			
k_MtrCurrOffLoComOff_Cnt_u16	693			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.224947453			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.9297123			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	13			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	5.44003773			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008			
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	1546.61206			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69203067			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.44071484	22		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_t tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_t			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr Per3_Aboviticun2_voits_i52	tgt CmMtrCurr Per3 ComOffset Cnt u16	102		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	<u>-</u>		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt CmMtrCurr Per3 VehSpd Kph f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VerlSpd_Rtpl_1S2	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt Pim ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	35	35 ± 1	Nesult	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	35	35 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.07224905	1.07224905 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5	4.5 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.45837879	2.45837879 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.82349932	1.82349932 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.71042848	1.71042848 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.85310507	1.85310507 ± 0.0003	✓





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	28.6460514	28.6460514 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31522.125	31522.125 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	622.38501	622.38501 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	1546.61206	1546.61206 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69203067	1.69203067 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.44071484	1.44071484 ± 0.0003	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	63		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.98567462		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57437587		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	16.249506		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	18428.4707		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.23846722		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25603.0664		
CmMtrCurr_VecuSum_Volt_M_f32	633.515015		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	160		
k_MaxCurrOffMtrVel_RadpS_f32	9.50732899		
k_MtrCurrEOLMaxOffset_Volts_f32	2.87722993		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	555		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.91991305		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.3727503		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6889.93945		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2081331		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.52772772		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrC	Curr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrC	Curr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffse	et_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_M	ltrRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Vo	lt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_	Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdVa	ılid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvaCounter Cat M u16	64	64 + 1	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	•
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	✓





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.98567462	2.98567462 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57437587	1.57437587 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	18.1694183	18.1694202 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.23846722	2.23846722 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25603.0664	25603.0664 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	644.887756	644.887756 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6889.93945	6889.93945 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541	1.373541 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731	2.74678731 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2081331	1.2081331 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.52772772	1.52772772 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.40 (Repeat Count = 1)				4
	Innut Value			
Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	11			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1			
CmMtrCurr_CurroffProcessFlag_M_enum	3			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.18156958			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.6999981			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.6999981			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	50000			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	47839.5703			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	8.32323647			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	21369.5801			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	143.794998			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	52238.7539			
CmMtrCurr_VecuSum_Volt_M_f32	644.64502			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	1000			
k_MaxCurrOffMtrVel_RadpS_f32	5.76168537			
k_MtrCurrEOLMaxOffset_Volts_f32	3			
k_MtrCurrEOLMinOffset_Volts_f32	2.70517826			
k_MtrCurrOffLoComOff_Cnt_u16	1025			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.877636433			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	5			
tgt CmMtrCurr Per3 Vecu Volt f32.value	28.716383			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008			
tgt CmMtrCurr Per3 VhSpdValid Cnt lgc.value	1			
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	18718.8105			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.61436653			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.75549197			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.20556092			
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.91193855			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0	Curr1 Volts f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt_CmMtrCurr_Per3_ADCMtr0			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3_ADCMtv			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3_Comons			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_V	· -		
		_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdVi	and_Crit_igc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			1_
Name	Actual Value		xpected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	6-	4 ± 1	✓

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



1.91193855 ± 0.0003

Actual Value Expected Value CmMtrCurr_CurrOffState_Uls_M_enum CURROFF_HIAVERAGE CURROFF_HIAVERAGE $CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc$ CmMtrCurr_CurroffProcessFlag_M_enum 1 1 CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 2.18156958 2.18156958 ± 0.0003 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 4.69999981 ± 0.0003 4.69999981 $CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32$ 4.69999981 4.69999981 ± 0.0003 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 50000 50000 ± 0.0003 $CmMtrCurr_MtrCurr1SumLo_Volt_M_f32$ 3 ± 0.0003 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 47839.5703 47839.5703 ± 0.0003 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 3 + 0.0003CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 4.5 ± 0.0003 $CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32$ 2 69362235 2 69362235 + 0 0003 ソソソソソソ CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 9.20087242 9.20087242 ± 0.0003 $CmMtrCurr_MtrCurr2SumLo_Volt_M_f32$ 21369 5801 21369 5801 + 0 0003 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 143.794998 143.794998 ± 0.0003 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 52238.7539 52238.7539 ± 0.001 CmMtrCurr_VecuSum_Volt_M_f32 673.361389 673.361389 ± 0.0009765625 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value 4000 4000 ± 1 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$ 18718.8105 18718.8105 ± 0.004 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.61436653 ± 0.0003 2.61436653 2.75549197 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32$ 2.75549197 ± 0.0003 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 1.20556092 1.20556092 ± 0.0003

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓	

1.91193855

Test Step 2.41 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1
CmMtrCurr CurroffProcessFlag M enum	3
CmMtrCurr MtrCurr1OffsetHi Volt M f32	2.47964859
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.79071116
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.79071116
CmMtrCurr MtrCurr1SumHi Volt M f32	25458.25
CmMtrCurr MtrCurr1SumLo Volt M f32	2.9184866
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	65.8850021
CmMtrCurr MtrCurr2OffsetHi Volt M f32	2.0520041
CmMtrCurr MtrCurr2OffsetLo Volt M f32	4.599999
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.07563138
CmMtrCurr MtrCurr2SumHi Volt M f32	30.7622643
CmMtrCurr MtrCurr2SumLo Volt M f32	24310.6895
CmMtrCurr MtrCurr2SumZero Volt M f32	154.925003
CmMtrCurr MtrCurrValCmd VoltCnt M f32	36546,3594
CmMtrCurr VecuSum Volt M f32	655.775024
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k CurrOffNoofAvg Cnt u16	1050
k MaxCurrOffMtrVel RadpS f32	15.5906773
k MtrCurrEOLMaxOffset Volts f32	2.96421409
k MtrCurrEOLMinOffset Volts f32	1.23255312
k MtrCurrOffLoComOff Cnt u16	1369
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.78046203
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	15
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	21.4816856
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.12093002e-008
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	36079.5391
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.96690226
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.88593364
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.47964859	2.47964859 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	25461.0313	25461.0313 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.9184866	2.9184866 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	65.8850021	65.8850021 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.0520041	2.0520041 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33.7622643	33.7622643 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	36546.3594	36546.3594 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	677.256714	677.256714 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36079.5391	36079.5391 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96690226	2.96690226 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.88593364	2.88593364 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.42 (Repeat Count = 1)	▼
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	60
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	2
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.81754565
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.6999981
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.11536908
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	99.2750015
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.01092339
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.17914116
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	27251.8008
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50648.5977
CmMtrCurr_VecuSum_Volt_M_f32	956.284973
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	2000
k_MaxCurrOffMtrVel_RadpS_f32	13.6347666
k_MtrCurrEOLMaxOffset_Volts_f32	1
k_MtrCurrEOLMinOffset_Volts_f32	1.29968858
k_MtrCurrOffLoComOff_Cnt_u16	1478
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.30482483
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.72327757
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	13
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	26.566885
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36573.0195
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.17193532
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.49366164

CmMtrCurr_Per3





Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.44606352		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.89337552		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result

tgt_rte_mst_sa_cmivit curr.Fim_shourtear	tgt_Fiiii_SiiGuiiGai		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	61	61 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.81754565	2.81754565 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3.42019391	3.42019391 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	99.2750015	99.2750015 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.01092339	1.01092339 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.17914116	1.17914116 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.72327757	2.72327757 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50648.5977	50648.5977 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	982.851868	982.851868 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36573.0195	36573.0195 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.17193532	1.17193532 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.49366164	2.49366164 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.44606352	1.44606352 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.89337552	1.89337552 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.43 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	61
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	0
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.80000019
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	110.404999
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.66018128
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	50000
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30192.9102
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457
CmMtrCurr_VecuSum_Volt_M_f32	967.414978
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	2350
k_MaxCurrOffMtrVel_RadpS_f32	3.40498996
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	1.20024276
k_MtrCurrOffLoComOff_Cnt_u16	1258
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.53271556
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	3

2016-07-24, 11:55:02+0530



CmMtrCurr_Per3

Name	Input Value		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	9.09741783		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	68435.9531		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.96729159		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.37171364		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.71984124		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result

igi_Rie_insi_sa_chimircum.pim_shcurcai	tgt_Pim_Shcurrear		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	62	62 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.80000019	4.80000019 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	5.5327158	5.53271532 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	110.404999	110.404999 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056	1.78895056 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	50003	50003 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457	33953.457 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	976.51239	976.51239 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	68435.9531	68435.9531 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.96729159	1.96729159 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.37171364	2.37171364 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.71984124	2.71984124 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.44 (Repeat Count = 1)	v v
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	62
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.26628852
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.92550302
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	121.535004
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.99545753
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.509166
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.38954449
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	6525.31982
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.20921946
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55850.0508
CmMtrCurr_VecuSum_Volt_M_f32	978.544983
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	2850
k_MaxCurrOffMtrVel_RadpS_f32	15.0749359

CmMtrCurr_Per3



Name	Input Value		
k_MtrCurrEOLMaxOffset_Volts_f32	2		
k_MtrCurrEOLMinOffset_Volts_f32	2.17881703		
k_MtrCurrOffLoComOff_Cnt_u16	550		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.830244541		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.48206139		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	15		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	21.0107632		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	45636.1367		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.72630322		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.08261728		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.59304428		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cr	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	dpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63	63 ± 1	~

3	10		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63	63 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.26628852	2.26628852 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.92550302	2.92550302 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3.83024454	3.83024454 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	121.535004	121.535004 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.99545753	1.99545753 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.509166	2.509166 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.38954449	2.38954449 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	6526.80176	6526.80225 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.20921946	1.20921946 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55850.0508	55850.0508 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	999.555725	999.555786 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	45636.1367	45636.1367 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.72630322	1.72630322 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.08261728	2.08261728 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.59304428	1.59304428 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.45 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	42	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	2	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.45582378	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.78107488	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	125.410637	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	110.404999	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	10.2349997	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	

CmMtrCurr_Per3





Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	62192.375		
CmMtrCurr_VecuSum_Volt_M_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	3350		
k_MaxCurrOffMtrVel_RadpS_f32	12.229619		
k_MtrCurrEOLMaxOffset_Volts_f32	2.94048262		
k_MtrCurrEOLMinOffset_Volts_f32	2.32975316		
k_MtrCurrOffLoComOff_Cnt_u16	600		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.425478697		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.19067407		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	12		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	20.8203239		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72154		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.47219872		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.17255747		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.227018		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	dpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	43	43 ± 1	•
CmMtrCurr CurrOffState Ills M enum	CURROFE HIAVERAGE	CURROFE HIAVERAGE	

0	0 = =		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	43	43 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.45582378	1.45582378 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	125.836113	125.836113 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	110.404999	110.404999 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	12.4256735	12.4256744 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007	199.445007 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	62192.375	62192.375 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	20.8203239	20.8203239 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72154	72154 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.47219872	1.47219872 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.17255747	1.17255747 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.227018	1.227018 ± 0.0003	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓	

Test Step 2.46 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	43	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.31441784	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.32500005	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.32500005	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	35.2140007	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	



CmMtrCurr_Per3	2016-07-24, 11:55:02+0530		Razorcat
Name	Input Value		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	121.535004		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.72680926		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.7515341		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	21.3649998		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	39016.2383		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	210.574997		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	20547.9805		
CmMtrCurr_VecuSum_Volt_M_f32	1984		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrC	urr	
k_CurrOffNoofAvg_Cnt_u16	3850		
k_MaxCurrOffMtrVel_RadpS_f32	18.7160969		
k_MtrCurrEOLMaxOffset_Volts_f32	1.99679399		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k MtrCurrOffLoComOff Cnt u16	650		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	3		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	18		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	30.1521053		
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.12093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	9833.26758		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.85367167		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.87929463		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.48623836		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_V	olts_f32 tgt_CmMtrCurr_Per3_AD0	CMtrCurr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_V	olts_f32 tgt_CmMtrCurr_Per3_AD0	CMtrCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_	u16 tgt_CmMtrCurr_Per3_Con	nOffset_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadp	S_f32 tgt_CmMtrCurr_Per3_Mtr\	/el_MtrRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vec	u_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f3	2 tgt_CmMtrCurr_Per3_Veh	Spd_Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt	t_lgc tgt_CmMtrCurr_Per3_VhS	SpdValid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	44	44 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	•
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.31441784	2.31441784 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	38.2140007	38.2140007 ± 0.0003	✓

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	44	44 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.31441784	2.31441784 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	38.2140007	38.2140007 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	121.535004	121.535004 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.72680926	1.72680926 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.7515341	1.7515341 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	24.3649998	24.3649998 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	210.574997	210.574997 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	20547.9805	20547.9805 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	2014.1521	2014.1521 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	9833.26758	9833.26758 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.85367167	1.85367167 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.87929463	1.87929463 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.48623836	1.48623836 ± 0.0003	~
tot Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	•	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•	

Test Step 2.47 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	44
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Name	Input Value		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.19999981		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06366134		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.06366134		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	306.320007		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	132.664993		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.89202535		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.11913788		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13700366		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	32.4949989 41957.3516		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	221.705002		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	7388.61279		
CmMtrCurr_VecuSum_Volt_M_f32	722.554993		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	4350		
k_MaxCurrOffMtrVel_RadpS_f32	9.40040874		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	2.0154388		
k_MtrCurrOffLoComOff_Cnt_u16	700		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.70470357		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.15298533		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	18.9641953		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	12022.6406		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.768152		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.91952419		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_V	olte f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_V	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	· _ ·	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f3.	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	45	45 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	309.024719	309.024689 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	132.664993	132.664993 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.89202535	1.89202535 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.11913788	1.11913788 ± 0.0003	· ·
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	*
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr MtrCurr2SumLo Volt M f32	34.6479836 41957.3516	34.6479836 ± 0.0003 41957.3516 ± 0.0003	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	221.705002	221.705002 ± 0.0003	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	7388.61279	7388.61279 ± 0.001	
ZZun_mu Gun Turomu_VoltOnt_W_loz	. 555.5 .2. 0	. 555.5 .27 0 ± 0.00 7	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓	

741.519165

12022.6406

1.768152

2.91952419

4000

3

CmMtrCurr_VecuSum_Volt_M_f32

tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value

 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$

741.519165 ± 0.0009765625

12022.6406 ± 0.004

2.91952419 ± 0.0003

1.768152 ± 0.0003

4000 ± 1

3 ± 0.0003

3 ± 0.0003





Test Step 2.48 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.30000019		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98569989		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98569989		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.9940877		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.37314701		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	166.054993		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.09574819		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.804142		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	65.8850021		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr MtrCurr2SumZero Volt M f32	44898.4609 12546.25		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	47726.5313		
CmMtrCurr VecuSum Volt M f32	755.945007		
Rte_Inst_Sa_CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	4850		
k MaxCurrOffMtrVel RadpS f32	4.60882807		
k_MtrCurrEOLMaxOffset_Volts_f32	2.43810177		
k_MtrCurrEOLMinOffset_Volts_f32	1.93847024		
k_MtrCurrOffLoComOff_Cnt_u16	750		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.40020895		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	4		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.9946461		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10899.8896		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.47143555		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.48983455		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	V-II- 600	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ADCMtrCurr2 tgt_CmMtrCurr_Per3_ComOffset_C		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_0		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	1	1 ± 1	~
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE	CURROFF HIAVERAGE	✓
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3.39429665	3.39429665 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.37314701	2.37314701 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	166.054993	166.054993 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.09574819	2.09574819 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.804142	2.804142 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	68.8850021	68.8850021 ± 0.0003	V
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	12546.25	12546.25 ± 0.0003	Y
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	47726.5313	47726.5313 ± 0.001	· ·
CmMtrCurr_VecuSum_Volt_M_f32	767.939636 4000	767.939636 ± 0.0009765625 4000 ± 1	.,
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	10899.8896	10899.8896 ± 0.004	-
tgt_Pim_SnCurrCal.EOLMtrCurrVcalCmd_voltCnts_t32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.47143555	2.47143555 ± 0.0003	
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.17 110000		
	2.48983455	2.48983455 + 0.0003	_
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.48983455	2.48983455 ± 0.0003 3 ± 0.0003	~



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•	

Test Step 2.49 (Repeat Count = 1)			•
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	10000		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.4000001		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.93872654		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.93872654		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	12546.25		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.91764379		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33134.0195		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	47839.5703		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	15487.3604		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	70405.5469		
CmMtrCurr_VecuSum_Volt_M_f32	767.075012		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	5350		
k MaxCurrOffMtrVel RadpS f32	4.46507597		
k MtrCurrEOLMaxOffset Volts f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	800		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.41209054		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.68971038		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	4		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	12.007616		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	72593.1016		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.83289099		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.62811708		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.49345279		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.77509665		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1	Volts f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	Volts f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt CmMtrCurr Per3 ComOffset C		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt CmMtrCurr Per3 VhSpdValid 0		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvgCounter Cnt M u16	10001	10001 ± 1	Resul
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE	CURROFF HIAVERAGE	
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1	1	
CmMtrCurr CurroffProcessFlag M enum	1	1	
CmMtrCurr MtrCurr1OffsetHi Volt M f32	4.4000001	4.4000001 ± 0.0003	
CmMtrCurr MtrCurr1OffsetLo Volt M f32	1.93872654	1.93872654 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.93872654	1.93872654 ± 0.0003	
	12546.6621	1.93672654 ± 0.0003 12546.6621 ± 0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.91764379	3 ± 0.0003	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr MtrCurr2OffsetHi Volt M f32		2.91764379 ± 0.0003	
	3	3 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003 2.64458537 ± 0.0003	
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.64458537		

33136.7109

47839.5703

15487.3604

70405.5469

779.082642

4000

 $CmMtrCurr_MtrCurr2SumHi_Volt_M_f32$

CmMtrCurr_MtrCurr2SumLo_Volt_M_f32

CmMtrCurr_VecuSum_Volt_M_f32

 $CmMtrCurr_MtrCurr2SumZero_Volt_M_f32$

 $CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32$

33136.7109 ± 0.0003

47839.5703 ± 0.0003 15487.3604 ± 0.0003

 70405.5469 ± 0.001

4000 ± 1

779.082642 ± 0.0009765625

CmMtrCurr_Per3





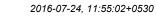
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72593.1016	72593.1016 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.83289099	2.83289099 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.62811708	2.62811708 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.49345279	2.49345279 ± 0.0003	✓
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.77509665	1.77509665 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.50 (Repeat Count = 1) Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	30		
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE		
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1		
CmMtrCurr CurroffProcessFlag M enum	2		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	4.5		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.69017243		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.69017243		
CmMtrCurr MtrCurr1SumHi Volt M f32	15487.3604		
	3		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.78381634		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.63436913		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.66018128		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	100.5		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.02487695		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	18428.4707		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	53438.4727		
CmMtrCurr_VecuSum_Volt_M_f32	778.205017		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	5850		
k_MaxCurrOffMtrVel_RadpS_f32	6.32810783		
k_MtrCurrEOLMaxOffset_Volts_f32	2.03732872		
k_MtrCurrEOLMinOffset_Volts_f32	1.10094762		
k_MtrCurrOffLoComOff_Cnt_u16	850		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.88700008		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	6		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	9.82472515		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	41748.7891		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.73949075		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.81584823		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.0832448		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt	rCurr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt	rCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOf		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_	MtrRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_V	· -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpc		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt CmMtrCurr Per3 VhSpdV		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvaCounter Cnt M u16	31	21 ± 1	rtesui

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	31	31 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.5	4.5 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.69017243	2.69017243 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.69017243	2.69017243 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15490.3604	15490.3604 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.78381634	2.78381634 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.63436913	2.63436913 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	~

CmMtrCurr_Per3





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	103.387001	103.387001 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.02487695	1.02487695 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	53438.4727	53438.4727 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	788.029724	788.029724 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	41748.7891	41748.7891 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.73949075	1.73949075 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.81584823	1.81584823 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.0832448	2.0832448 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	45		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.17255139		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.3003974		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.3003974		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	18428.4707		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	39016.2383		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	21369.5801		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	6130.46191		
CmMtrCurr_VecuSum_Volt_M_f32	789.335022		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	6350		
k_MaxCurrOffMtrVel_RadpS_f32	10.4216404		
k_MtrCurrEOLMaxOffset_Volts_f32	2.89515972		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	900		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.13792109		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	10		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	14.3678427		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
gt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6579.94385		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.84182739		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.84872556		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0	Curr1_Volts_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0	Curr2_Volts_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffs	et_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_M	/trRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Vo	olt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_	Kph_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdVa	alid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CmMtrCurr CurrOffAvaCounter Cnt M u16	16	46 + 1	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	46	46 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.17255139	2.17255139 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.3003974	2.3003974 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.3003974	2.3003974 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.13792109	1.13792109 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	6	6 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	6130.46191	6130.46191 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	789.335022	789.335022 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	900	900 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6579.94385	6579.94385 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.84182739	2.84182739 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.84872556	1.84872556 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

T4 04-9 0 50 /P-9-4 094 0				. 0
Test Step 2.52 (Repeat Count = 1)				~
Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	46			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1			
CmMtrCurr_CurroffProcessFlag_M_enum	2			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.55437148			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.18853402			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.18853402			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.22132409			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	50000			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.45344734			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.05157495			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.47292328			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.08536386			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	41957.3516			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.37079549			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	24310.6895			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	37677.1406			
CmMtrCurr_VecuSum_Volt_M_f32	800.465027			
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k CurrOffNoofAvg Cnt u16	6850			
k_MaxCurrOffMtrVel_RadpS_f32	9.15929317			
k MtrCurrEOLMaxOffset Volts f32	2.99555564			
k MtrCurrEOLMinOffset Volts f32	1.11085141			
k MtrCurrOffLoComOff Cnt u16	950			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.182596684			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.35922432			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9			
tgt CmMtrCurr Per3 Vecu Volt f32.value	5.0676527			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008			
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1			
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	50186.2891			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.30887294			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.13170183			
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu	ırr1 Volts f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCu			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt_CmMtrCurr_Per3_ADCMtrCu			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt_CmMtrCurr_Per3_ComOnset			
		. –		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_K	. –		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid	u_Cnt_igc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			1_
Name	Actual Value		pected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	47	47 :	± 1	_

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Actual Value Expected Value CmMtrCurr_CurrOffState_Uls_M_enum CURROFF_LOAVERAGE CURROFF_LOAVERAGE CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum 1 CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 1.55437148 1.55437148 ± 0.0003 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 2.18853402 ± 0.0003 2.18853402 $CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32$ 2.18853402 2.18853402 ± 0.0003 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 1.22132409 1.22132409 ± 0.0003 $CmMtrCurr_MtrCurr1SumLo_Volt_M_f32$ 50000.1836 50000.1836 ± 0.0003 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 2.45344734 2.45344734 ± 0.0003 1.05157495 $CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32$ 1 05157495 + 0 0003 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 2.47292328 2.47292328 ± 0.0003 $CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32$ 2 08536386 2 08536386 + 0 0003 **> > > > >** CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 41957.3516 41957.3516 ± 0.0003 3 73001981 + 0 0003 $CmMtrCurr_MtrCurr2SumLo_Volt_M_f32$ 3 73001981 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 24310.6895 24310.6895 ± 0.0003 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 37677.1406 ± 0.001 37677.1406 CmMtrCurr_VecuSum_Volt_M_f32 800.465027 800.465027 ± 0.0009765625 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value 950 ± 1 950 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$ 50186.2891 50186.2891 ± 0.004 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 3 ± 0.0003 2.30887294 2.30887294 ± 0.0003 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32$ tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 1.13170183 1.13170183 ± 0.0003

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

 3 ± 0.0003

3

Name	Test Step 2.53 (Repeat Count = 1)	√
CmMtrCurr_CurrOffState_Uis_M_enum CURROFF_LOAVERAGE CmMtrCurr_CurrOffState_Uis_M_enum CURROFF_LOAVERAGE CmMtrCurr_CurrOffState_Uis_M_enum 3 CmMtrCurr_CurrOffState_Uis_M_enum 3 CmMtrCurr_CurrOffState_Uis_M_enum 3 CmMtrCurr_CurrOffState_Uis_M_enum 3 CmMtrCurr_MtrCurrIOffState_Uis_M_f12 2 4301908 CmMtrCurr_MtrCurrIOffState_Uis_M_f12 2 4301908 CmMtrCurr_MtrCurrIOffState_Uis_M_f12 2 24301908 CmMtrCurr_MtrCurrISturrel_Uis_M_f12 2 2564_25908 CmMtrCurr_MtrCurrISturrel_Uis_M_f12 2 2564_25908 CmMtrCurr_MtrCurrISturrel_Uis_M_f12 2 2564_25908 CmMtrCurr_MtrCurrISturrel_Uis_M_f12 2 2664_25908 CmMtrCurr_MtrCurrSturrel_Uis_M_f12 2 3 CmMtrCurr_MtrCurrSturrel_Uis_M_f12 3 3 CmMtrCurr_MtrCurrSturrel_Uis_M_f12 3 CmMtrCurr_MtrCurr2Offsete_Uis_Uis_M_f12 3 CmMtrCurr_MtrCurr2Offsete_Uis_M_f12 2 11.8977249 CmMtrCurr_MtrCurr2Offsete_Uis_M_f12 2 12.1535004 CmmtrCurr_MtrCurr2Offset_Uis_M_f12 2 12.1535004 CmmtrCurr_MtrCurr2Sturrel_Uis_M_f12 2 12.1535004 CmmtrCurr_MtrCurr2Sturrel_Uis_M_f12 2 27251.8008 CmmtrCurr_WtrCurr2Sturrel_Uis_M_f12 2 27251.8008 CmmtrCurr_WtrCurr2Sturrel_Uis_M_f12 2 27251.8008 CmmtrCurr_WtrCurr2Sturrel_Uis_M_f12 2 27251.8008 CmmtrCurr_Uis_M_f12 2		Innut Value
CMMCCUT, CurrOffState_Uis_M_enum CMMCCUT, CurrOffTrinFlag, Crt_M_lgo 1 CMMCCUT, CurrOffTrinFlag, Crt_M_lgo 1 CMMCCUT, MICCUTrOffsetLi, Volt_M_132 2 A301908 CMMCCUT, MICCUTrOffsetLi, Volt_M_132 2 CMMCCUT, MICCUTrSumLo, Volt_M_132 2 CMMCCUT, MICCUTSumLo, Volt_M_132 2 CMMCCUT, MICCUTSUMLo, Volt_M_132 3 CMMCCUT, MICCUTSUMLO, Volt_M_132 12.153904 CMMCCUT, VecusSum_Volt_M_192 13.159971 14.159971 15.15		•
CmMtrCurr_CurroffPrioresFlag_M_enum 3 CmMtrCurr_CurroffPrioresFlag_M_enum 3 CmMtrCurr_CurroffPrioresFlag_M_enum 3 CmMtrCurr_CurroffPrioresFlag_M_enum 3 CmMtrCurr_McurrOffSetEu_Volt_M_f32 2 2.4301908 CmMtrCurr_McurrOffSetEu_Volt_M_f32 2 2.4301908 CmMtrCurr_McrCurrSumHi_Volt_M_f32 1,35220647 CmMtrCurr_McrCurrSumHi_Volt_M_f32 1,35220647 CmMtrCurr_McrCurrSumHi_Volt_M_f32 2,264.25998 CmMtrCurr_McurrSumHi_Volt_M_f32 3 CmMtrCurr_McurrSumHi_Volt_M_f32 3 CmMtrCurr_McurrSumHi_Volt_M_f32 3 CmMtrCurr_McurrSumSete_Volt_M_f32 3 CmMtrCurr_McurrSumSete_Volt_M_f32 3 CmMtrCurr_McurrSumSete_Volt_M_f32 1,85310507 CmmtrCurr_Per3_ADCMtrCurr_Volt_f32 value 1,80084521 tgt_CmmtrCurr_Per3_ADCMtrCurr_Volt_f32 value 1,1009002e-0008 tgt_CmmtrCurr_Per3_ADCMtrCurr_Volt_f32 value 1,1009002e-0008 tgt_CmmtrCurr_Per3_ADCMtrCurr_Volt_f32 1,1541091 tgt_Pm_ShCurrCalECUMtrCurrSumSete_Volt_Mcade_SADCMtrCurr_Volt_f32 1,1541091 tgt_Pm_ShCurrCalECUMtrCurr_Volt_f32 1,1541091 tgt_Pm_ShCurrCalECUMtrCurr_Volt_f32 1,1541091 tgt_Pm_ShCurrCalECU		
CmMtrCurr, CurroffFrocessFiag, M. enum 3 CmMtrCurr, Microrr/Offsetol, Volt, M. 132 2 CmMtrCurr, Microrr/Offsetol, Volt, M. 132 2.4401908 CmMtrCurr, Microrr/SumHu, Volt, M. 132 1.35220647 CmMtrCurr, Microrr/SumHu, Volt, M. 132 2564.25098 CmMtrCurr, Microrr/SumLo, Volt, M. 132 2564.25098 CmMtrCurr, Microrr/SumLo, Volt, M. 132 1.18977249 CmMtrCurr, Microrr/Soffsetlo, Volt, M. 132 3 CmMtrCurr, Microrr/Soffsetlo, Volt, M. 132 1.85310507 CmMtrCurr, Microrr/SumHu, Volt, M. 132 1.85310507 CmMtrCurr, Microrr/SumLo, Volt, M. 132 1.853004 CmMtrCurr, Microrr/SumLo, Volt, M. 132 1.22852371 CmMtrCurr, Microrr/SumLo, Volt, M. 132 27251.8008 CmMtrCurr, Microrr/SumLo, Volt, M. 132 311.594971 CmMtrCurr, Vecusum Volt, M. 132 311.594971 CmMtrCurr, Vecusum Volt, M. 132 311.594971 K, Jancorr/Shordova, Crit, Lu 16 7350 K, Jancorr/Shordova, Crit, Lu 16 1.24209137 K, Microrr/Shordova, Crit, Lu 16 1.38772607 K, Microrr/Shordova, Crit, Lu 16 1.000 K, Microrr/Shordova, Crit, L		-
CmMtrCurr_MtrCurr10ffselt-II_Volt_M_f32 3 CmMtrCurr.Curr10ffselter_Volt_M_f32 2.4301908 CmMtrCurr.MtrCurr1SumEl_Volt_M_f32 2.4301908 CmMtrCurr_MtrCurrSumHi_Volt_M_f32 1.55220647 CmMtrCurr_MtrCurrSumHi_Volt_M_f32 2564.25098 CmMtrCurr_MtrCurr20ffselt_Volt_M_f32 1.18977249 CmMtrCurr_MtrCurr20ffselt_Volt_M_f32 3 CmMtrCurr_MtrCurr20ffselt_Volt_M_f32 3 CmMtrCurr_MtrCurr20ffselt_Volt_M_f32 1.85310507 CmMtrCurr_MtrCurr20ffselt_Volt_M_f32 1.21,555004 CmMtrCurr_MtrCurr2SumL_Volt_M_f32 1.22,555004 CmMtrCurr_MtrCurr2SumL_Volt_M_f32 1.2852371 CmMtrCurr_MtrCurr2SumL_Volt_M_f32 1.2853371 CmMtrCurr_MtrCurr2SumL_Volt_M_f32 49166.3633 CmMtrCurr_MtrCurr2SumL_Volt_M_f32 811.594971 Ritinst_Sa_CmMtrCurr 1gRitinst_SaCmMtrCurr K_CurrOffModiving_Cnt_u16 7350 Ritinst_SaCmMtrCurr_NtrCurr_SaVolt_SaV		
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CmMtrCurr, MtrCurr1SumHi, Volt, M, 32		
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CmMtrCur_MtrCurr1SumZero_Volt_M_f32 1.18977249 CmMtrCur_MtrCurr2OffsetH_Volt_M_f32 3 CmMtrCur_MtrCur2OffsetH_Volt_M_f32 1.85310507 CmMtrCur_MtrCur2SumLero_Volt_M_f32 1.85310507 CmMtrCur_MtrCur2SumLero_Volt_M_f32 121.533004 CmMtrCur_MtrCur2SumLero_Volt_M_f32 122.533004 CmMtrCur_MtrCurr2SumCero_Volt_M_f32 27251.8008 CmMtrCur_MtrCurrYacmd_Volt_M_f32 49166.3633 CmMtrCur_Vecusum_Volt_M_f32 811.594971 Re_inst_Sa_CmMtrCur tg_Rte_inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 7350 k_CurrOffNoofAvg_Cnt_u16 7350 k_MtrCurrEOLMaxOffset_Volts_f32 2.73520017 k_MtrCurrEOLMinOffset_Volts_f32 1.38772607 k_MtrCurrEOLMinOffset_Volts_f32 1.38772607 k_MtrCurrEOLMinOffset_Volts_f32 value 1.180914 tgl_CmMtrCur_Per3_ADCMtrCurr_Volts_f32 value 1.98084521 tgl_CmMtrCur_Per3_ADCMtrCurr_Volts_f32 value 1.98084521 tgl_CmMtrCur_Per3_Veol_Volt_f32 value 2.50432358 tgl_CmMtrCur_Per3_Veol_Volt_f32 value 1.18093002e-008 tgl_CmMtrCur_Per3_Veol_Volt_f32 value 1.2093002e-00		
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CmMtrCurr MtrCurr2sumZero_Volt_M_f32 27251.8008 CmMtrCurr MtrCurrValCmd_VoltCnt_M_f32 49166.3833 CmMtrCurr_VecuSum_Volt_M_f32 811.594971 Ke_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_ LourrOffNoofAvg_Cnt_u16 7350 k_MaxCurrOffMtrVel_RadpS_f32 12.4209137 k_MtrCurrEoLMinOffset_Volts_f32 2.73520017 k_MtrCurrOffLoComOff_Cnt_u16 1000 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 1.1830914 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 1.98084521 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 12 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 12 tgt_CmMtrCurr_Per3_VerbSpd_Kph_f32.value 12 tgt_CmMtrCurr_Per3_VerbSpd_Kph_f32.value 1.12093002e-008 tgt_Pim_ShCurrCal_EOLMtrCurrVcalCmd_VoltCnts_f32 66.5053101 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 1.07186615 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 1.33528733 tgt_Pim_ShCurrCal_EOLMtrCurr_OffsetLo_Volts_f32 1.5541091 tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCur		
CmMtrCurr_MtrcurrValCmd_VoltCnt_M_f32 49166.3633 CmMtrCurr_VecuSum_Volt_M_f32 811.594971 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 7350 k_MaxCurrOffMtvVel_RadpS_f32 12.4209137 k_MtrCurrEOLMaxOffset_Volts_f32 2.73520017 k_MtrCurrEOLMinOffset_Volts_f32 1.38772607 k_MtrCurrEOLMinOff_Cnt_u16 1000 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 1.1830914 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 1.98084521 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value 12 tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 12 tgt_CmMtrCurr_Per3_VenSpd_Kph_f32.value 1.12093002e-008 tgt_CmMtrCurr_Per3_VenSpd_Kph_f32.value 1.12093002e-008 tgt_Pim_ShCurrCal_EOLMtrCurrVcalCmd_VoltCnts_f32 66.5053101 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 1.07186615 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 1.33528733 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32 2.92991114 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32 1.5541091 tgt_Rie_inst_Sa_CmMtrCurr_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32		
CmMtrCurr_VecuSum_Volt_M_f32 811.594971 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 7350 k_MaxCurrOffMtvVel_RadpS_f32 12.4209137 k_MtrCurrEOLMaxOffset_Volts_f32 2.73520017 k_MtrCurrEOLMinOffSet_Volts_f32 1.38772607 k_MtrCurr_Per3_ADCMtrCurr1_Volts_f32_value 1000 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32_value 1.830914 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32_value 12 tgt_CmMtrCurr_Per3_Vecu_Volt_f32_value 12 tgt_CmMtrCurr_Per3_Vecu_Volt_f32_value 12 tgt_CmMtrCurr_Per3_VerSpd_Kph_f32_value 1.12093002e-008 tgt_CmMtrCur_Per3_VerSpd_Vspd_f0_t_f12_value 1.12093002e-008 tgt_Pim_ShCurrCal_EOLMtrCurrVcalCmd_VoltCnts_f32 66.5053101 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 1.07186615 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 1.33528733 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32 2.92991114 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32 1.5541091 tgt_Rie_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rie_Inst_Sa_Cm		
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tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value tgt_Pim_ShCurrCal.EOLMtrCurrYcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 1.07186615 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 2.92991114 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 2.92991114 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 1.5541091 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr.Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr.CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
TOLE THE COLO CHIMINE COLL CHIMINE COLL I CIC. WILLY CLEWILL AND COLO CHIMINE COLL FEED WILLY CLEWILL AND COLO COLO COLO COLO COLO COLO COLO COL	tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	48	48 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.4301908	2.4301908 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.4301908	2.4301908 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.35220647	1.35220647 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2565.43408	2565.43408 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.18977249	1.18977249 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.85310507	1.85310507 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	121.535004	121.535004 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3.6093688	3.6093688 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	49166.3633	49166.3633 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	811.594971	811.594971 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	1000	1000 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	66.5053101	66.5053101 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.07186615	1.07186615 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.33528733	1.33528733 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.92991114	2.92991114 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.5541091	1.5541091 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.54 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	48
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	2
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.89845324
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.79951966
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.79951966
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.43861294
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	132.664993
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	0
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	30192.9102
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	51315.3594
CmMtrCurr_VecuSum_Volt_M_f32	822.724976
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	7850
k_MaxCurrOffMtrVel_RadpS_f32	17.6410484
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	1.6284523
k_MtrCurrOffLoComOff_Cnt_u16	1050
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.52804279
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.6518712
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	17
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	27.7039509
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	63330.0391
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.78589034

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32





Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.26931763		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cr	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRad	dpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_C	cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	49	49 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.89845324	2.89845324 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.79951966	1.79951966 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.79951966	1.79951966 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	4.52804279	4.52804279 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.43861294	2.43861294 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	132.664993	132.664993 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.6518712	1.6518712 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	51315.3594	51315.3594 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	822.724976	822.724976 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	1050	1050 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	63330.0391	63330.0391 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.78589034	2.78589034 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

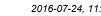
2.26931763

3 ± 0.0003

2.26931763 ± 0.0003

Test Step 2.55 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	49
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.25399995
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.69485998
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.76121855
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.55947113
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	143.794998
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	50000
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	33134.0195
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	70020.0547
CmMtrCurr_VecuSum_Volt_M_f32	833.85498
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	8350
k_MaxCurrOffMtrVel_RadpS_f32	9.910882
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	2.75472307
k_MtrCurrOffLoComOff_Cnt_u16	1100
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.20388198
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.78112721
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9

CmMtrCurr_Per3





Name	Input Value		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	12.5219145		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	69826.0703		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.46081305		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.26964259		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volt	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volt	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_ur	16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lg	gc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvqCounter Cnt M u16	50	50 ± 1	*

igi_Rie_insi_5a_Chimiticum.Pim_Shcuricai	Igi_Pilli_SilCuliCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	50	50 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.25399995	3.25399995 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.76121855	1.76121855 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	4.20388222	4.20388222 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.55947113	1.55947113 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235	2.69362235 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	143.794998	143.794998 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	50002.7813	50002.7813 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	70020.0547	70020.0547 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	833.85498	833.85498 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	1100	1100 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	69826.0703	69826.0703 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.46081305	2.46081305 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.26964259	1.26964259 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.56 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	50	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.57795274	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98539996	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.75889993	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	29.4384918	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.19170594	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.27125239	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.39812922	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	154.925003	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.25399995	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	36075.1289	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	13451.8496	
CmMtrCurr_VecuSum_Volt_M_f32	844.984985	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrOffNoofAvg_Cnt_u16	8850	
k_MaxCurrOffMtrVel_RadpS_f32	11.8731699	

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Input Value k_MtrCurrEOLMaxOffset_Volts_f32 2.88271761 k_MtrCurrEOLMinOffset_Volts_f32 2.64306164 k_MtrCurrOffLoComOff_Cnt_u16 1150 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 0.716357231 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 23.9801941 1.62093006e-008 $tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value$ tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$ 56485.5195 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 1.20154941 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32$ 2.93720007 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 1 55611205 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16$ tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32$ tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc$ tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal

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Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	51	51 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	•
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.57795274	1.57795274 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98539996	3.98539996 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	29.4384918	29.4384918 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	4.1917057	4.1917057 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.27125239	2.27125239 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.39812922	1.39812922 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	154.925003	154.925003 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.97035718	2.97035718 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	13451.8496	13451.8496 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	844.984985	844.984985 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	1150	1150 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56485.5195	56485.5195 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.20154941	1.20154941 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.93720007	2.93720007 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.55611205	1.55611205 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.57 (Repeat Count = 1)		V
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	51	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.42709577	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.69485998	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.40540409	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	28.6460514	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.02315331	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	0	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.8704468	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.06732988	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	166.054993	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.17778456	





Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	10.1999998		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	39516.9844		
CmMtrCurr_VecuSum_Volt_M_f32	856.11499		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	9350		
k_MaxCurrOffMtrVel_RadpS_f32	20		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	2.73909378		
k_MtrCurrOffLoComOff_Cnt_u16	1200		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.69000006		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	19		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	15.931344		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	53064.2422		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.03335667		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.22838211		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.09065461		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cn	t_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRad	lpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_t	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_C	nt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	52	52 ± 1	•
Continue Composition III- Management	OUDDOEF ZEDOAVEDAGE	OUDDOEF ZEDOMYEDAGE	

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Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	52	52 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.42709577	1.42709577 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	28.6460514	28.6460514 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.02315331	2.02315331 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.8704468	1.8704468 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.06732988	2.06732988 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	166.054993	166.054993 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.17778456	1.17778456 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	11.8899994	11.8900003 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	39516.9844	39516.9844 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	856.11499	856.11499 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	53064.2422	53064.2422 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.03335667	2.03335667 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.22838211	2.22838211 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.09065461	1.09065461 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.58 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	52	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.43832135	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.75889993	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	16.249506	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.15069818	

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Input Value CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 50000 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 1.62499225 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 1.9485718 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 2.58597875 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 177.184998 $CmMtrCurr_MtrCurr2SumLo_Volt_M_f32$ CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 41957.3516 $CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32$ 27235.4863 CmMtrCurr_VecuSum_Volt_M_f32 867.244995 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 k_MaxCurrOffMtrVel_RadpS_f32 12 7237406 k_MtrCurrEOLMaxOffset_Volts_f32 2.49101973 k MtrCurrEOLMinOffset_Volts_f32 1 48035502 k_MtrCurrOffLoComOff_Cnt_u16 1250 1.60549736 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value $tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value$ 2.17270803 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value 12 $tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value$ 26.912426 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value 1.82093007e-008 $tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value$ 1 tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 28654.791 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32$ 3 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 1.52237737 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32$ 2.7247448 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$ tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32$ tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt CmMtrCurr Per3 VhSpdValid Cnt Igc tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	53	53 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.43832135	2.43832135 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	16.249506	16.249506 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.15069818	2.15069818 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	50001.6055	50001.6055 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.62499225	1.62499225 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.9485718	1.9485718 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.58597875	2.58597875 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	177.184998	177.184998 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	41959.5234	41959.5234 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27235.4863	27235.4863 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	867.244995	867.244995 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	28654.791	28654.791 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.52237737	1.52237737 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.7247448	2.7247448 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.59 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	53
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1

CmMtrCurr Per3

2016-07-24, 11:55:02+0530



Input Value CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 2.79118037 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 2.40540409 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 4.52099991 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 8.32323647 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 2.71490192 CmMtrCurr MtrCurr1SumZero Volt M f32 265.200012 $CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32$ 1.80599678 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 2.37993598 $CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32$ 2 14313006 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 188.315002 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 29 4384918 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 44898.4609 CmMtrCurr MtrCurrValCmd VoltCnt M f32 1339 94348 CmMtrCurr_VecuSum_Volt_M_f32 878.375 Rte_Inst_Sa_CmMtrCurr tgt Rte Inst Sa CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 156 k_MaxCurrOffMtrVel_RadpS_f32 6.89798737 k_MtrCurrEOLMaxOffset_Volts_f32 3 k_MtrCurrEOLMinOffset_Volts_f32 1.23099744 $k_MtrCurrOffLoComOff_Cnt_u16$ 1300 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 1.11311984 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 3 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 25.0280781 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value 1.72093007e-008 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 60901.1875 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 3 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32 1.85061121 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 2 00795436 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32$ tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal$ tot Pim ShCurrCal **Actual Value Expected Value** Name Result CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 54 ± 1 CURROFF ZEROAVERAGE CURROFF ZEROAVERAGE CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr CurroffProcessFlag M enum 2 79118037 2 79118037 + 0 0003 $CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32$ CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 2.40540409 2.40540409 ± 0.0003 4 52099991 + 0 0003 CmMtrCurr MtrCurr1OffsetZero Volt M f32 4 52099991 8.32323647 ± 0.0003 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 8.32323647 ~ CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 2 71490192 + 0 0003 2 71490192 266.313141 266.31311 ± 0.0003 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 ~ CmMtrCurr MtrCurr2OffsetHi Volt M f32 1.80599678 1.80599678 ± 0.0003 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 2.37993598 2.37993598 ± 0.0003 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 2.14313006 2.14313006 ± 0.0003 $CmMtrCurr_MtrCurr2SumHi_Volt_M_f32$ 188.315002 188.315002 ± 0.0003 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 29.4384918 29.4384918 ± 0.0003 $CmMtrCurr_MtrCurr2SumZero_Volt_M_f32$ 44901.4609 44901.4609 ± 0.0003 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 1339.94348 1339.94348 ± 0.001

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

878.375

60901.1875

1.85061121

2.00795436

0

3

CmMtrCurr_VecuSum_Volt_M_f32

tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value

 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$

 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32$

tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32

tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32

878.375 ± 0.0009765625

60901.1875 ± 0.004

1.85061121 ± 0.0003

2.00795436 ± 0.0003

0 ± 1

 3 ± 0.0003 3 ± 0.0003





Test Step 2.60 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	54		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.0999999		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	30.7622643		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.74427593		
CmMtrCurr_MtrCurr3OffoetH; Volt M_f32	3 1,24155974		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.63570929		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.94488144		
CmMtrCurr MtrCurr2SumHi Volt M f32	199.445007		
CmMtrCurr MtrCurr2SumLo Volt M f32	28.6460514		
CmMtrCurr MtrCurr2SumZero Volt M f32	0		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	22243.6348		
CmMtrCurr_VecuSum_Volt_M_f32	889.505005		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	248		
k_MaxCurrOffMtrVel_RadpS_f32	17.267849		
k_MtrCurrEOLMaxOffset_Volts_f32	2.14811063		
k_MtrCurrEOLMinOffset_Volts_f32	1.8682915		
k_MtrCurrOffLoComOff_Cnt_u16	1350		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.641766071		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.16365433		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	17		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	16.816925 1.12093002e-008		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	42107.3086		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.37534189		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.29947114		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.20110023		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.85809946		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_\	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_\	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt	_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRad	pS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cr	nt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	55	55 ± 1	Y
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	Y
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	V
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr MtrCurr1OffsetZero Volt M f32	3 4.0999999	3 ± 0.0003	~
CmMtrCurr MtrCurr1SumHi Volt M f32	30.7622643	4.0999999 ± 0.0003 30.7622643 ± 0.0003	
CmMtrCurr MtrCurr1SumLo Volt M f32	1.74427593	1.74427593 ± 0.0003	
CmMtrCurr MtrCurr1SumZero Volt M f32	3.64176607	3.64176607 ± 0.0003	·
CmMtrCurr MtrCurr2OffsetHi Volt M f32	1.24155974	1.24155974 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.63570929	1.63570929 ± 0.0003	~
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.94488144	2.94488144 ± 0.0003	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	199.445007	199.445007 ± 0.0003	·
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	28.6460514	28.6460514 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.16365433	2.16365433 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	22243.6348	22243.6348 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	889.505005	889.505005 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	42107.3086	42107.3086 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.37534189	2.37534189 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.37534189 1.29947114	1.29947114 ± 0.0003	~
	2.37534189		



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	•

Test Step 2.61 (Repeat Count = 1)			•
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	55		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.52099991		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.19999981		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	26.5270271		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.06164098		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.28129196		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.68251061		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.39488578		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	16.249506		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	50000		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	64880.5586		
CmMtrCurr_VecuSum_Volt_M_f32	900.63501		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	125		
k_MaxCurrOffMtrVel_RadpS_f32	8.85937309		
k_MtrCurrEOLMaxOffset_Volts_f32	1.42353129		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	1400		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.651286364		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.71013331		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	8		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	7.10547543		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79655.7031		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.87794566		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.16573894		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.52786815		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_\text{'}	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_\		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRad	pS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cr	nt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	56	56 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	26.5270271	26.5270271 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3.65128636	3.65128636 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.06164098	2.06164098 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.28129196	1.28129196 ± 0.0003	•
	I		

2.68251061

2.39488578

16.249506

50001.7109

64880.5586

900.63501

 $tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value$

 $CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32$

 $CmMtrCurr_MtrCurr2SumHi_Volt_M_f32$

 $CmMtrCurr_MtrCurr2SumLo_Volt_M_f32$

CmMtrCurr_VecuSum_Volt_M_f32

 $CmMtrCurr_MtrCurr2SumZero_Volt_M_f32$

 $CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32$

2.68251061 ± 0.0003 2.39488578 ± 0.0003

16.249506 ± 0.0003 50001.7109 ± 0.0003

64880.5586 ± 0.001

0 ± 1

900.63501 ± 0.0009765625

CmMtrCurr_Per3



Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79655.7031	79655.7031 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.87794566	2.87794566 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.16573894	1.16573894 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.52786815	1.52786815 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.62 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	56		
CmMtrCurr CurrOffState UIs M enum	CURROFF ZEROAVERAGE		
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1		
CmMtrCurr CurroffProcessFlag M enum	0		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.0999999		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.30000019		
CmMtrCurr MtrCurr1SumHi Volt M f32	23.799696		
CmMtrCurr MtrCurr1SumLo Volt M f32	2.25029397		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.99754834		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.03358698		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	3		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	1.35347366		
CmMtrCurr MtrCurr2SumHi Volt M f32	1.56559098		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	8.32323647		
CmMtrCurr MtrCurr2SumZero Volt M f32	6587.1001		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	55931.2383		
CmMtrCurr VecuSum Volt M f32	911.765015		
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k CurrOffNoofAvg Cnt u16	74		
k MaxCurrOffMtrVel RadpS f32	9.48729229		
k MtrCurrEOLMaxOffset Volts f32	2.20328736		
k_MtrCurrEOLMinOffset_Volts_f32	2.53037405		
k MtrCurrOffLoComOff Cnt u16	1450		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.58634853		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.03627253		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	9		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	16.0870552		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	18510.1816		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38779759		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.83586252		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtr	Curr1 Volts f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOff		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt_CmMtrCurr_Per3_Vecu_V	· -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd	_	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt CmMtrCurr Per3 VhSpdV		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvaCounter Cot M u16	Actual Value	57 ± 1	Result

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	57	57 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	23.799696	23.799696 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.25029397	2.25029397 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	5.58389664	5.58389664 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.03358698	2.03358698 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	✓





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.56559098	1.56559098 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	8.32323647	8.32323647 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	6589.13623	6589.13623 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55931.2383	55931.2383 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	911.765015	911.765015 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	18510.1816	18510.1816 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38779759	2.38779759 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.83586252	1.83586252 ± 0.0003	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	57			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1		
CmMtrCurr_CurroffProcessFlag_M_enum	1	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.19999981			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.4000001			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15.8433237			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.85141718			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.6369369			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.38367915			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.7515341			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.69245267			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30.7622643			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.93037891			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	20898.541			
CmMtrCurr_VecuSum_Volt_M_f32	922.89502			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	25			
<pre>c_MaxCurrOffMtrVel_RadpS_f32</pre>	11.6127138			
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	1.60846543			
_MtrCurrEOLMinOffset_Volts_f32	1			
<pre><_MtrCurrOffLoComOff_Cnt_u16</pre>	1500			
gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.64029288			
gt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.911126375			
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	11			
gt_CmMtrCurr_Per3_Vecu_Volt_f32.value	14.1631308			
gt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008			
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1			
gt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	62447.9336			
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.77314484			
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.8215363			
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.66199911			
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.22172582			
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0	Curr1_Volts_f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0	Curr2_Volts_f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffs	et_Cnt_u16		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_M	/trRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_	_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdVa	alid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resu	
CmMtrCurr CurrOffAvgCounter Cnt M u16	57	57 + 1	,	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	57	57 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15.8433237	15.8433237 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.85141718	1.85141718 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.6369369	2.6369369 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.38367915	1.38367915 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.7515341	1.7515341 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.69245267	2.69245267 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30.7622643	30.7622643 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.93037891	2.93037891 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	20898.541	20898.541 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	922.89502	922.89502 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	62447.9336	62447.9336 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.77314484	1.77314484 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.8215363	2.8215363 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.66199911	1.66199911 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.22172582	1.22172582 ± 0.0003	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.64 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	58		
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr CurroffProcessFlag M enum	1		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.30000019		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	4.5		
CmMtrCurr MtrCurr1SumHi Volt M f32	5.44003773		
CmMtrCurr MtrCurr1SumLo Volt M f32	3		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.27791405		
CmMtrCurr MtrCurr2OffsetHi Volt M f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.84746766		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.13700366		
CmMtrCurr MtrCurr2SumHi Volt M f32	1.70743656		
CmMtrCurr MtrCurr2SumLo Volt M f32	26.5270271		
CmMtrCurr MtrCurr2SumZero Volt M f32	3		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	66635.5391		
CmMtrCurr VecuSum Volt M f32	934.025024		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	236		
k_MaxCurrOffMtrVel_RadpS_f32	11.1014509		
k_MtrCurrEOLMaxOffset_Volts_f32	2.47209358		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	987		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.65106726		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.47675037		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	11		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	24.1849651		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	64127.5586		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.42812848		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.53307629		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.34935308		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	58	58 ± 1	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5	4.5 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	5.44003773	5.44003773 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.27791405	2.27791405 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.84746766	2.84746766 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.70743656	1.70743656 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	26.5270271	26.5270271 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	66635.5391	66635.5391 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	934.025024	934.025024 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	64127.5586	64127.5586 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.42812848	2.42812848 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.53307629	2.53307629 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.34935308	1.34935308 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.65 (Repeat Count = 1)	√
Name	Input Value
CmMtrCurr CurrOffAvgCounter Cnt M u16	59
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1
CmMtrCurr CurroffProcessFlag M enum	1
CmMtrCurr MtrCurr1OffsetHi Volt M f32	1.24453545
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.400001
CmMtrCurr MtrCurr1OffsetZero Volt M f32	4.5999999
CmMtrCurr MtrCurr1SumHi Volt M f32	2.86287165
CmMtrCurr MtrCurr1SumLo Volt M f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.24005342
CmMtrCurr MtrCurr2OffsetHi Volt M f32	2.97318363
CmMtrCurr MtrCurr2OffsetLo Volt M f32	2.54518676
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.804142
CmMtrCurr MtrCurr2SumHi Volt M f32	2.5382781
CmMtrCurr MtrCurr2SumLo Volt M f32	23.799696
CmMtrCurr MtrCurr2SumZero Volt M f32	1.72795427
CmMtrCurr MtrCurrValCmd VoltCnt M f32	42507.0195
CmMtrCurr VecuSum Volt M f32	945.155029
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k CurrOffNoofAvg Cnt u16	14
k MaxCurrOffMtrVel RadpS f32	4.04353189
k MtrCurrEOLMaxOffset Volts f32	1.7062211
k MtrCurrEOLMinOffset Volts f32	2.20000005
k MtrCurrOffLoComOff Cnt u16	654
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.85092187
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	1.95932174
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	4
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	13.4317789
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.62093006e-008
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	33614.7266
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.36289644
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42268705
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.71854186
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.17331958
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl	n_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	59	59 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.24453545	1.24453545 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.86287165	2.86287165 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.24005342	2.24005342 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.97318363	2.97318363 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.54518676	2.54518676 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.804142	2.804142 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.5382781	2.5382781 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	23.799696	23.799696 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.72795427	1.72795427 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	42507.0195	42507.0195 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	945.155029	945.155029 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	33614.7266	33614.7266 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.36289644	2.36289644 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42268705	2.42268705 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.71854186	1.71854186 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.17331958	2.17331958 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.66 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	60
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	2
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.81754565
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.69999981
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.11536908
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	12546.25
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.01092339
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.17914116
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	15.8433237
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50648.5977
CmMtrCurr_VecuSum_Volt_M_f32	956.284973
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	258
k_MaxCurrOffMtrVel_RadpS_f32	13.6347666
k_MtrCurrEOLMaxOffset_Volts_f32	1
k_MtrCurrEOLMinOffset_Volts_f32	1.29968858
k_MtrCurrOffLoComOff_Cnt_u16	987
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.30482483
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.72327757
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	13
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	26.566885
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36573.0195
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.17193532
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.49366164

 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$





Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.44606352		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.89337552		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	ladpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	60	60 ± 1	-
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	-
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.81754565	2.81754565 ± 0.0003	-
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	-
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.11536908	2.11536908 ± 0.0003	-
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	12546.25	12546.25 ± 0.0003	-
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.01092339	1.01092339 ± 0.0003	-
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	-
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.17914116	1.17914116 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	-
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	3 ± 0.0003	-
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	15.8433237	15.8433237 ± 0.0003	-
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50648.5977	50648.5977 ± 0.001	-
CmMtrCurr_VecuSum_Volt_M_f32	956.284973	956.284973 ± 0.0009765625	-
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	-

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

36573.0195

1.17193532

2.49366164

1.44606352

1.89337552

36573.0195 ± 0.004

1.17193532 ± 0.0003

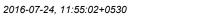
2.49366164 ± 0.0003

1.44606352 ± 0.0003

1.89337552 ± 0.0003

Test Step 2.67 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	61
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	0
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.80000019
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	15487.3604
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.66018128
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.16022956
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	5.44003773
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457
CmMtrCurr_VecuSum_Volt_M_f32	967.414978
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	369
k_MaxCurrOffMtrVel_RadpS_f32	3.40498996
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	1.20024276
k_MtrCurrOffLoComOff_Cnt_u16	587
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.53271556
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	3

CmMtrCurr_Per3





Name	Input Value		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	9.09741783		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	68435.9531		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.96729159		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.37171364		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.71984124		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt	*Curr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt	Curr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOff	set_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_	MtrRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_V	olt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpc	I_Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpd\	/alid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result

tgt_Rte_inst_Sa_ChiwitCurt.Plin_ShCurtCal	tgt_Pim_Shcurroai		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	61	61 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.80000019	4.80000019 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	-
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056	1.78895056 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.16022956	1.16022956 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	5.44003773	5.44003773 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457	33953.457 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	967.414978	967.414978 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	68435.9531	68435.9531 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.96729159	1.96729159 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.37171364	2.37171364 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.71984124	2.71984124 ± 0.0003	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.68 (Repeat Count = 1)		✓.
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	62	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.26628852	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.92550302	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	18428.4707	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.99545753	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.509166	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.38954449	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.66323638	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.86287165	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.20921946	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55850.0508	
CmMtrCurr_VecuSum_Volt_M_f32	978.544983	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrOffNoofAvg_Cnt_u16	147	
k_MaxCurrOffMtrVel_RadpS_f32	15.0749359	





Name	Input Value		
k_MtrCurrEOLMaxOffset_Volts_f32	2.79999995		
k_MtrCurrEOLMinOffset_Volts_f32	2.17881703		
k_MtrCurrOffLoComOff_Cnt_u16	589		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.830244541		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.48206139		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	15		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	21.0107632		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	45636.1367		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.72630322		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.08261728		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.59304428		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_\	/olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_\	/olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt	_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadp	oS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cn	t_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	62	62 ± 1	-
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	-
	0 3	0 3	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc			•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3 2.26628852	3 2.26628852 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3 2.26628852 4.69999981	3 2.26628852 ± 0.0003 4.69999981 ± 0.0003	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3 2.26628852 4.69999981 2.92550302	3 2.26628852 ± 0.0003 4.69999981 ± 0.0003 2.92550302 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3 2.26628852 4.69999981 2.92550302 3	3 2.26628852 ± 0.0003 4.69999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003	0
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3 2.26628852 4.69999981 2.92550302 3 18428.4707	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3 2.26628852 4.69999981 2.92550302 3 18428.4707 1.99545753	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 1.99545753 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3 2.26628852 4.69999981 2.92550302 3 18428.4707 1.99545753 2.509166	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 1.99545753 ± 0.0003 2.509166 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3 2.26628852 4.69999981 2.92550302 3 18428.4707 1.99545753 2.509166 2.38954449	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 1.99545753 ± 0.0003 2.509166 ± 0.0003 2.38954449 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3 2.26628852 4.69999981 2.92550302 3 18428.4707 1.99545753 2.509166 2.38954449 1.78107488	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 1.99545753 ± 0.0003 2.509166 ± 0.0003 2.38954449 ± 0.0003 1.78107488 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3 2.26628852 4.69999981 2.92550302 3 18428.4707 1.99545753 2.509166 2.38954449 1.78107488 2.66323638	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 1.99545753 ± 0.0003 2.509166 ± 0.0003 2.38954449 ± 0.0003 1.78107488 ± 0.0003 2.66323638 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3 2.26628852 4.69999981 2.92550302 3 18428.4707 1.99545753 2.509166 2.38954449 1.78107488 2.66323638 2.86287165	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 1.99545753 ± 0.0003 2.509166 ± 0.0003 2.38954449 ± 0.0003 1.78107488 ± 0.0003 2.66323638 ± 0.0003 2.86287165 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3 2.26628852 4.69999981 2.92550302 3 18428.4707 1.99545753 2.509166 2.38954449 1.78107488 2.66323638 2.86287165 1.20921946	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 1.99545753 ± 0.0003 2.509166 ± 0.0003 2.38954449 ± 0.0003 1.78107488 ± 0.0003 2.66323638 ± 0.0003 2.86287165 ± 0.0003 1.20921946 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3 2.26628852 4.69999981 2.92550302 3 18428.4707 1.99545753 2.509166 2.38954449 1.78107488 2.66323638 2.86287165 1.20921946 55850.0508	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 1.99545753 ± 0.0003 2.509166 ± 0.0003 2.38954449 ± 0.0003 1.78107488 ± 0.0003 2.66323638 ± 0.0003 2.86287165 ± 0.0003 1.20921946 ± 0.0003 55850.0508 ± 0.001	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32	3 2.26628852 4.69999981 2.92550302 3 18428.4707 1.99545753 2.509166 2.38954449 1.78107488 2.66323638 2.86287165 1.20921946 55850.0508 978.544983	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 1.99545753 ± 0.0003 2.509166 ± 0.0003 2.38954449 ± 0.0003 1.78107488 ± 0.0003 2.66323638 ± 0.0003 2.86287165 ± 0.0003 1.20921946 ± 0.0003 55850.0508 ± 0.001 978.544983 ± 0.0009765625	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrYalCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	3 2.26628852 4.69999981 2.92550302 3 18428.4707 1.99545753 2.509166 2.38954449 1.78107488 2.66323638 2.86287165 1.20921946 55850.0508 978.544983 0	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 1.99545753 ± 0.0003 2.509166 ± 0.0003 2.38954449 ± 0.0003 1.78107488 ± 0.0003 2.86287165 ± 0.0003 1.20921946 ± 0.0003 55850.0508 ± 0.001 978.544983 ± 0.0009765625 0 ± 1	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3 2.26628852 4.69999981 2.92550302 3 18428.4707 1.99545753 2.509166 2.38954449 1.78107488 2.66323638 2.86287165 1.20921946 55850.0508 978.544983 0 45636.1367	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 1.99545753 ± 0.0003 2.509166 ± 0.0003 2.38954449 ± 0.0003 1.78107488 ± 0.0003 2.66323638 ± 0.0003 2.86287165 ± 0.0003 1.20921946 ± 0.0003 55850.0508 ± 0.001 978.544983 ± 0.0009765625 0 ± 1 45636.1367 ± 0.004	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetVi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetVolt_M_f32 CmMtrCurr_MtrCurr2OffsetVolt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVoalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3 2.26628852 4.69999981 2.92550302 3 18428.4707 1.99545753 2.509166 2.38954449 1.78107488 2.66323638 2.86287165 1.20921946 55850.0508 978.544983 0 45636.1367 1.72630322	3 2.26628852 ± 0.0003 4.6999981 ± 0.0003 2.92550302 ± 0.0003 3 ± 0.0003 18428.4707 ± 0.0003 1.99545753 ± 0.0003 2.509166 ± 0.0003 2.38954449 ± 0.0003 1.78107488 ± 0.0003 2.86287165 ± 0.0003 1.20921946 ± 0.0003 55850.0508 ± 0.001 978.544983 ± 0.0009765625 0 ± 1 45636.1367 ± 0.004 1.72630322 ± 0.0003	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.69 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	0	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	0	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.38621521	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.19170594	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.75171995	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.32500005	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.34348607	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.49885356	

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Input Value $CmMtrCurr_MtrCurr2SumZero_Volt_M_f32$ 1.53830063 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 9725.94531 CmMtrCurr_VecuSum_Volt_M_f32 989.674988 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 258 k_MaxCurrOffMtrVel_RadpS_f32 8.86568737 k_MtrCurrEOLMaxOffset_Volts_f32 3 $k_MtrCurrEOLMinOffset_Volts_f32$ k_MtrCurrOffLoComOff_Cnt_u16 1200 0.744054079 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 1.20999026 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 30.8183956 tgt CmMtrCurr Per3 VehSpd Kph f32.value 1 12093002e-008 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value 30670.2969 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$ $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32$ 2.57652688 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.05092359 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32$ 2.04884481 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 2.97813463 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32$ tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32$ tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc$ tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal$ tgt_Pim_ShCurrCal

@CC	19-2		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63	63 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	0	0 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.38621521	1.38621521 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.19170594	1.19170594 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.75171995	1.75171995 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.34348607	2.34348607 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.49885356	1.49885356 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.53830063	1.53830063 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	9725.94531	9725.94531 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	989.674988	989.674988 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30670.2969	30670.2969 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.57652688	2.57652688 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.05092359	2.05092359 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.04884481	2.04884481 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.97813463	2.97813463 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.70 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	5	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.3681531	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	12546.25	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	24310.6895	

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Name	Input Value		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.81125057		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.06366134		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33134.0195		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.2478286		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	44400.6758		
CmMtrCurr_VecuSum_Volt_M_f32	1000.80499		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	459		
k_MaxCurrOffMtrVel_RadpS_f32	15.1356554		
k MtrCurrEOLMaxOffset Volts f32	3		
k MtrCurrEOLMinOffset Volts f32	1.75381374		
k MtrCurrOffLoComOff Cnt u16	1250		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.33343601		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.1714673		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	15		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.564992		
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.82093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	659.655212		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.62237978		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.62126434		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt CmMtrCurr Per3 ADCMtrCurr	1 Volts f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2 Volts f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt_CmMtrCurr_Per3_ComOffset_0		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel MtrR		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt CmMtrCurr Per3 Vecu Volt f	· -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	0	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	✓
CmMtrCurr CurrOffState Uls M enum	CURROFF INTIALISE	CURROFF INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3	3 ± 0.0003	_
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	5	5 ± 0.0003	✓
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.3681531	2.3681531 ± 0.0003	
CmMtrCurr MtrCurr1SumHi Volt M f32	12546.25	12546.25 ± 0.0003	_
CmMtrCurr MtrCurr1SumLo Volt M f32	24310.6895	24310.6895 ± 0.0003	~
CmMtrCurr MtrCurr1SumZero Volt M f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	
CmMtrCurr MtrCurr2OffsetLo Volt M f32	1.81125057	1.81125057 ± 0.0003	_
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	•
CmMtrCurr MtrCurr2SumHi Volt M f32	33134.0195	33134.0195 ± 0.0003	·
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.2478286	1.2478286 ± 0.0003	~
CmMtrCurr MtrCurr2SumZero Volt M f32	3	3 ± 0.0003	•
0.1400	44400 0750	11100 0750 1 0 001	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	-

44400.6758

1000.80499

659.655212

2.62237978

1.62126434

44400.6758 ± 0.001

659.655212 ± 0.004

2.62237978 ± 0.0003

 1.62126434 ± 0.0003

0 ± 1

3 ± 0.0003

3 ± 0.0003

1000.80499 ± 0.0009765625

Test Step 2.71 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	100
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1

 $CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32$

tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value

 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32$

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$

CmMtrCurr_VecuSum_Volt_M_f32





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Name	Input Value		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.25399995		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.1426152		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15487.3604		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008		
CmMtrCurr1SumZero_Volt_M_f32	10.2349997		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.98569989		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	36075.1289		
CmMtrCurr MtrCurr2SumLo Volt M f32	3		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.75711107		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	66466.9297		
CmMtrCurr_VecuSum_Volt_M_f32	1011.935		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	357		
k_MaxCurrOffMtrVel_RadpS_f32	7.43185806		
k_MtrCurrEOLMaxOffset_Volts_f32	2.60659194		
k MtrCurrEOLMinOffset Volts f32	1.60813093		
k_MtrCurrOffLoComOff_Cnt_u16	1300		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.322858572		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.601245165		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	7		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	30.379221		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10412.2559		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.08674288		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.83028007		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1 Volts f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	0	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	100	100 ± 1	rtoour
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF INTIALISE	CURROFF INTIALISE	
CmMtrCurr CurrOffTrimFlag Cnt M Igc	0	0	
CmMtrCurr CurroffProcessFlag M enum	3	3	
CmMtrCurr MtrCurr1OffsetHi Volt M f32	2	2 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.25399995	2.25399995 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.1426152	1.1426152 ± 0.0003	
CmMtrCurr MtrCurr1SumHi Volt M f32	15487.3604	15487.3604 ± 0.0003	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	
CmMtrCurr MtrCurr1SumZero Volt M f32	10.2349997	10.2349997 ± 0.0003	
CmMtrCurr MtrCurr2OffsetHi Volt M f32	2	2 ± 0.0003	
CmMtrCurr MtrCurr2OffsetLo Volt M f32	3	2 ± 0.0003 3 ± 0.0003	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	100	100 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2	2 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.25399995	2.25399995 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.1426152	1.1426152 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	10.2349997	10.2349997 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2	2 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.75711107	2.75711107 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	66466.9297	66466.9297 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1011.935	1011.935 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10412.2559	10412.2559 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.08674288	2.08674288 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.83028007	1.83028007 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~





Test Step 2.72 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	500		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.03766644		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	18428.4707		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	30192.9102		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr MtrCurr2OffsetHi Volt M f32	21.3649998		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	1		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.93872654		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	39016.2383		
CmMtrCurr MtrCurr2SumLo Volt M f32	1.74210644		
CmMtrCurr MtrCurr2SumZero Volt M f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	17001.7754		
CmMtrCurr_VecuSum_Volt_M_f32	1023.065		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	158		
k_MaxCurrOffMtrVel_RadpS_f32	0.919944882		
k_MtrCurrEOLMaxOffset_Volts_f32	1.20769453		
k_MtrCurrEOLMinOffset_Volts_f32	1		
k_MtrCurrOffLoComOff_Cnt_u16	1350		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.83188581		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.11928463		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	0		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	8.08698559		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1.52093005e-008		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	16989.8633		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.16677904		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.603158		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	RadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	500	500 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3 1.03766644	3 ± 0.0003 1.03766644 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr MtrCurr1OffsetZero Volt M f32	3	3 ± 0.0003	
CmMtrCurr MtrCurr1SumHi Volt M f32	18428.4707	18428.4707 ± 0.0003	-
CmMtrCurr MtrCurr1SumLo Volt M f32	30192.9102	30192.9102 ± 0.0003	
CmMtrCurr MtrCurr1SumZero Volt M f32	21.3649998	21.3649998 ± 0.0003	-
CmMtrCurr MtrCurr2OffsetHi Volt M f32	3	3 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.93872654	1.93872654 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.74210644	1.74210644 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	17001.7754	17001.7754 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1023.065	1023.065 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	16989.8633	16989.8633 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.16677904	1.16677904 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.603158	2.603158 ± 0.0003	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.73 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	1000		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF CALC		
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1		
CmMtrCurr CurroffProcessFlag M enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78968191		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	3		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	3		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.74427593		
CmMtrCurr MtrCurr1SumLo Volt M f32	33134.0195		
CmMtrCurr MtrCurr1SumZero Volt M f32	32.4949989		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.13578081		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69017243		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	41957.3516		
CmMtrCurr MtrCurr2SumLo Volt M f32	2.5924716		
	1.08553576		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	50195.6016		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32			
CmMtrCurr_VecuSum_Volt_M_f32	1034.19495		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	369		
k_MaxCurrOffMtrVel_RadpS_f32	3.21255112		
k_MtrCurrEOLMaxOffset_Volts_f32	1.80947685		
k_MtrCurrEOLMinOffset_Volts_f32	2.55062389		
k_MtrCurrOffLoComOff_Cnt_u16	1400		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.893047094		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	3		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	31		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.42093004e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	24752.502		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.42258453		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.98788738		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.54850125		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	-	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	dpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_0	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1000	1000 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	•
CmMtrCurr MtrCurr1OffsetHi Volt M f32	1.78968191	1.78968191 ± 0.0003	

<u>a</u>	@==		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1000	1000 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78968191	1.78968191 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.74427593	1.74427593 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	32.4949989	32.4949989 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.13578081	2.13578081 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69017243	2.69017243 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.5924716	2.5924716 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.08553576	1.08553576 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50195.6016	50195.6016 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	1034.19495	1034.19495 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~

CmMtrCurr_Per3



Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	24752.502	24752.502 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.42258453	2.42258453 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.98788738	1.98788738 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.54850125	1.54850125 ± 0.0003	✓
tot Dim ShCurrCal EOI MtrCurr2OffootDiff Volta f22	2	3 + 0 0003	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.74 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1500		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	2		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.93552423		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.4932251		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	36075.1289		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	12546.25		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.95301342		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.0999999		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.3003974		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.91387296		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.59368324		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.01610184		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	11215.4648		
CmMtrCurr_VecuSum_Volt_M_f32	1045.32495		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	1475		
k_MaxCurrOffMtrVel_RadpS_f32	10.4786997		
k_MtrCurrEOLMaxOffset_Volts_f32	1.60135877		
k_MtrCurrEOLMinOffset_Volts_f32	1.84947562		
k_MtrCurrOffLoComOff_Cnt_u16	1450		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.0454731		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.33811712		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	10		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	22.0903473		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	73980.1406		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.88691401		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.23304081		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	-O	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOf		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_\	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd	- · -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpd	valiu_Grit_igc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	Form a set of Males	D. 14
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1500	1500 ± 1	~

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1500	1500 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.93552423	2.93552423 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.4932251	2.4932251 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	12546.25	12546.25 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.95301342	2.95301342 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.0999999	2.0999999 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.3003974	2.3003974 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.91387296	2.91387296 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.59368324	2.59368324 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.01610184	2.01610184 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	11215.4648	11215.4648 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	1045.32495	1045.32495 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	73980.1406	73980.1406 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.88691401	2.88691401 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.23304081	2.23304081 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Name	Input Value			
CmMtrCurr CurrOffAvgCounter Cnt M u16	2000			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1			
CmMtrCurr_CurroffProcessFlag_M_enum	1			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.44151449			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.25029397			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	39016.2383			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	15487.3604			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.18853402			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.4956274			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.77353692			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	1352.5321			
CmMtrCurr_VecuSum_Volt_M_f32	1056.45496			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	32			
k_MaxCurrOffMtrVel_RadpS_f32	19.3361607			
k_MtrCurrEOLMaxOffset_Volts_f32	3			
<pre><_MtrCurrEOLMinOffset_Volts_f32</pre>	3			
<_MtrCurrOffLoComOff_Cnt_u16	1500			
gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.45383477			
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	19			
gt_CmMtrCurr_Per3_Vecu_Volt_f32.value	21.1691227			
gt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008			
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1			
gt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	43754.7461			
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.6402266			
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3			
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3			
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.29639792			
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur	r1_Volts_f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur	r2_Volts_f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	_Cnt_u16		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_Mtr	RadpS_f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	bh_f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	I_Cnt_lgc		
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resu	
CmMtrCurr CurrOffAvaCountar Ont M u16	2000	2000 + 1		

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2000	2000 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0	0 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.44151449	2.44151449 ± 0.0003	✓





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.25029397	2.25029397 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.18853402	2.18853402 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.4956274	1.4956274 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.77353692	2.77353692 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	1352.5321	1352.5321 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	1056.45496	1056.45496 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	43754.7461	43754.7461 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.6402266	1.6402266 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.29639792	1.29639792 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.76 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2500		
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr CurroffProcessFlag M enum	3		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	5		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	3		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	3		
CmMtrCurr MtrCurr1SumHi Volt M f32	1.85141718		
CmMtrCurr MtrCurr1SumLo Volt M f32	41957.3516		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	18428.4707		
CmMtrCurr MtrCurr2OffsetHi Volt M f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.39214373		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.4301908		
CmMtrCurr MtrCurr2SumHi Volt M f32	2.00457311		
CmMtrCurr MtrCurr2SumLo Volt M f32	3		
CmMtrCurr MtrCurr2SumZero Volt M f32	143.794998		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	6346.29541		
CmMtrCurr VecuSum Volt M f32	1067.58496		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	65		
k_MaxCurrOffMtrVel_RadpS_f32	9.53263474		
k_MtrCurrEOLMaxOffset_Volts_f32	1.81108499		
k_MtrCurrEOLMinOffset_Volts_f32	1.65717375		
k_MtrCurrOffLoComOff_Cnt_u16	569		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.51561022		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	29.369381		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	57061.793		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.75388491		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.48521161		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.9058547		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2500	2500 ± 1	✓





Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	5	5 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.85141718	1.85141718 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.39214373	2.39214373 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.4301908	2.4301908 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.00457311	2.00457311 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	143.794998	143.794998 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	6346.29541	6346.29541 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1067.58496	1067.58496 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	57061.793	57061.793 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.75388491	1.75388491 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.48521161	1.48521161 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.9058547	2.9058547 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.77 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3000
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.56800008
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.69100952
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.07224905
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	44898.4609
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	21369.5801
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.1591742
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.79951966
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.7779721
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	149.294815
CmMtrCurr_VecuSum_Volt_M_f32	1078.71497
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	98
k_MaxCurrOffMtrVel_RadpS_f32	19.0508652
k_MtrCurrEOLMaxOffset_Volts_f32	1.42972541
k_MtrCurrEOLMinOffset_Volts_f32	3
k_MtrCurrOffLoComOff_Cnt_u16	587
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.15866017
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.91205668
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	19
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	20.5213528
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.72093007e-008
tgt CmMtrCurr Per3 VhSpdValid Cnt lgc.value	1
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	64245.7344
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel MtrRadpS f32





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3000	3000 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.56800008	2.56800008 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.69100952	1.69100952 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.07224905	1.07224905 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.1591742	1.1591742 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.79951966	1.79951966 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.7779721	1.7779721 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	149.294815	149.294815 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	1078.71497	1078.71497 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	64245.7344	64245.7344 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.78 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3500
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.0455637
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.14313006
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	47839.5703
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	24310.6895
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.03679204
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.25399995
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	10.2349997
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.16161025
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	166.054993
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27387.8652
CmMtrCurr_VecuSum_Volt_M_f32	1089.84497
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	7845
k_MaxCurrOffMtrVel_RadpS_f32	17.7443714
k_MtrCurrEOLMaxOffset_Volts_f32	2.19935322
k_MtrCurrEOLMinOffset_Volts_f32	1.83148623
k_MtrCurrOffLoComOff_Cnt_u16	1200
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.762533665
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	17
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.6196957
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56380.6055
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.21375871





Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF	RadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3500	3500 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.0455637	2.0455637 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1	1 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.03679204	2.03679204 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.25399995	3.25399995 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	10.2349997	10.2349997 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.16161025	1.16161025 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	166.054993	166.054993 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27387.8652	27387.8652 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	1089.84497	1089.84497 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56380.6055	56380.6055 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.21375871	2.21375871 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace		✓		
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.79 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4000
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.60292649
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.94488144
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	99.2750015
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	43.625
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	27251.8008
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.98539996
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	21.3649998
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.25156271
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	177.184998
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	54731.1328
CmMtrCurr_VecuSum_Volt_M_f32	1100.97498
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	12
k_MaxCurrOffMtrVel_RadpS_f32	14.9630527
k_MtrCurrEOLMaxOffset_Volts_f32	1.57632184
k_MtrCurrEOLMinOffset_Volts_f32	2.46642208
k_MtrCurrOffLoComOff_Cnt_u16	1250
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.52696967
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.73624921
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	14

CmMtrCurr_Per3



Name	Input Value
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	28.2243862
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	53916.1016
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal

tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4000	4000 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.60292649	2.60292649 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.94488144	2.94488144 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	99.2750015	99.2750015 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	43.625	43.625 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.98539996	3.98539996 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	21.3649998	21.3649998 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.25156271	1.25156271 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	177.184998	177.184998 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	54731.1328	54731.1328 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	1100.97498	1100.97498 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	53916.1016	53916.1016 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.80 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4500	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.57089233	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.04547274	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.68251061	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	110.404999	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	54.7550011	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	30192.9102	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.0999999	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.77936649	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.69485998	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	32.4949989	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	188.315002	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	40529.3281	
CmMtrCurr_VecuSum_Volt_M_f32	1112.10498	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrOffNoofAvg_Cnt_u16	32	
k_MaxCurrOffMtrVel_RadpS_f32	16.6868706	

CmMtrCurr_Per3

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Input Value k_MtrCurrEOLMaxOffset_Volts_f32 2.7003603 k_MtrCurrEOLMinOffset_Volts_f32 1.04556215 k_MtrCurrOffLoComOff_Cnt_u16 1300 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.51056814 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 2.98966312 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value 16 tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 7.02365923 1.72093007e-008 $tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value$ tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$ 14487.7334 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.96119714 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.35539818 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 3 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 1 05737138 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16$ tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32$ tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 $tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc$ $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc$

tgt_tto_mot_ou_on_macoun_toro_tmoparama_ont_igo	igi_oa dan_i dio_inidparano		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4500	4500 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.57089233	2.57089233 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.04547274	1.04547274 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.68251061	2.68251061 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	110.404999	110.404999 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	54.7550011	54.7550011 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.0999999	2.0999999 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.77936649	2.77936649 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	32.4949989	32.4949989 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	188.315002	188.315002 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	40529.3281	40529.3281 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	1112.10498	1112.10498 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	14487.7334	14487.7334 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96119714	2.96119714 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.35539818	2.35539818 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.05737138	1.05737138 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.81 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5000	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.9000001	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.35347366	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	121.535004	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	65.8850021	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	33134.0195	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.9000001	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.75889993	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	43.625	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	12546.25	





Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	0		
CmMtrCurr_VecuSum_Volt_M_f32	1123.23499		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	45		
k_MaxCurrOffMtrVel_RadpS_f32	9.53334713		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1.41879892		
k_MtrCurrOffLoComOff_Cnt_u16	1350		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.71382546		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.45573974		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	16.8483124		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.52093005e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	8235.15234		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3:	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5000	5000 ± 1	·
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr CurrOffTrimFlag Cnt M lgc	0	0	_

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Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5000	5000 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	2	2	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.9000001	2.9000001 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5	1.5 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	121.535004	121.535004 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	65.8850021	65.8850021 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.9000001	2.9000001 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5	1.5 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	43.625	43.625 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	12546.25	12546.25 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007	199.445007 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	0	0 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	1123.23499	1123.23499 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.5	1.5 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.5	1.5 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.4000001	1.39999998 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.4000001	1.39999998 ± 0.0003	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~	

Test Step 2.82 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5500	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.9000001	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.7515341	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	132.664993	

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CmMtrCurr_Per3

CrnwtrCurr_Per3			MACILAN
Name	Input Value		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	77.0149994		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	36075.1289		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.9000001		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.40540409		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	54.7550011		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	15487.3604		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	210.574997		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	80000		
CmMtrCurr_VecuSum_Volt_M_f32	1134.36499		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	95		
k MaxCurrOffMtrVel RadpS f32	9.00114441		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1.41879892		
k MtrCurrOffLoComOff Cnt u16	1400		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.391895294		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9		
tgt CmMtrCurr Per3 Vecu Volt f32.value	25.519434		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.42093004e-008		
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	75601.9063		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.38947511		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.39260566		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.18089151		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.54483712		
		rr1 Volte f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_Mtr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	-	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_K		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	a_cni_igc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	Formate d Malica	D14
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5500	5500 ± 1	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	2	2	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.9000001	2.9000001 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5	1.5 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.7515341	1.7515341 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	132.664993	132.664993 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	77.0149994	77.0149994 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.9000001	2.9000001 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5	1.5 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	54.7550011	54.7550011 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	210.574997	210.574997 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	80000	80000 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	1134.36499	1134.36499 ± 0.0009765625	5
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.5	1.5 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.5	1.5 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.4000001	1.39999998 ± 0.0003	✓
tat Pim ShCurrCal FOI MtrCurr2OffeetDiff Volte f32	1.4000001	1 30000008 + 0 0003	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	✓
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	~

1.4000001

1.39999998 ± 0.0003

Test Step 2.83 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6000

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32





Name	Input Value			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1			
CmMtrCurr_CurroffProcessFlag_M_enum	2			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.9000001			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.13700366			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	143.794998			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	88.1449966			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	39016.2383			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.9000001			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	65.8850021			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	18428.4707			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	221.705002 32658.5			
CmMtrCurr_MtrCurr_ValCmd_VoltCnt_M_f32	1145.495			
CmMtrCurr_VecuSum_Volt_M_f32				
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16 k MaxCurrOffMtrVel RadpS f32	15 17.4113503			
	3			
k_MtrCurrEOLMaxOffset_Volts_f32 k_MtrCurrEOLMinOffset_Volts_f32	1.41879892			
k_MtrCurrOffLoComOff Cnt u16	1.41879892			
- -	2.24416041			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.646974802			
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	17			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.6333284			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008			
tgt_CmMtrCurr_Per3_Ver13pd_Npir_13s.value	1			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	62678.8203			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.18478942			
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3			
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.84651113			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt CmMtrCurr Per3 VhSpdValid			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resu	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6000	6000 ± 1		
CmMtrCurr CurrOffState Uls M enum	CURROFF INTIALISE	CURROFF INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0		
CmMtrCurr_CurroffProcessFlag_M_enum	2	2		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.9000001	2.9000001 ± 0.0003		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5	1.5 ± 0.0003		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.13700366	2.13700366 ± 0.0003		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	143.794998	143.794998 ± 0.0003		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	88.1449966	88.1449966 ± 0.0003		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	39016.2383	39016.2383 ± 0.0003		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.9000001	2.9000001 ± 0.0003		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5	1.5 ± 0.0003		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	65.8850021	65.8850021 ± 0.0003		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	18428.4707	18428.4707 ± 0.0003		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	221.705002	221.705002 ± 0.0003		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	32658.5	32658.5 ± 0.001		
CmMtrCurr_VecuSum_Volt_M_f32	1145.495	1145.495 ± 0.0009765625		
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1		
+++ Pi 0h00- F0 M+0	32658.5	32658.5 ± 0.004		
tgt_Pim_Sncurrcai.eolimtrcurrvcaicmd_VoltCnts_f32		1.5 ± 0.0003		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.5	1.0 ± 0.0000	l l	
	1.5 1.5	1.5 ± 0.0003		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32				



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	•
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.84 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6500		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.19999981		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.0999999		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.804142		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	154.925003		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	99.2750015		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	41957.3516		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.42372727		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.14313006		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.52099991		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33134.0195		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	21369.5801		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	232.835007		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	47836.1094		
CmMtrCurr_VecuSum_Volt_M_f32	1156.625		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	35		
k_MaxCurrOffMtrVel_RadpS_f32	-17.8156967		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1.65248311		
k MtrCurrOffLoComOff Cnt u16	1500		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.77794123		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	-1111.86194		
tgt CmMtrCurr Per3 Vecu Volt f32.value	15.2223673		
tgt CmMtrCurr Per3 VehSpd Kph f32.value	149.203644		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.46345818		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.08953357		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1 Volts	s f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts	_	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u1		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt CmMtrCurr Per3 Vecu Volt f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt CmMtrCurr Per3 VhSpdValid Cnt Ic	gc	
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	6500	6500 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF INTIALISE	CURROFF INTIALISE	•
CmMtrCurr CurrOffTrimFlag Cnt M Igc	0	0	
	1.5	1.	-

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6500	6500 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.804142	2.804142 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	154.925003	154.925003 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	99.2750015	99.2750015 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.42372727	2.42372727 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	232.835007	232.835007 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	47836.1094	47836.1094 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1156.625	1156.625 ± 0.0009765625	✓

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.46345818	1.46345818 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.08953357	1.08953357 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	•
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.85 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7000		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	2		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.30000019		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.19999981		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.64458537		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	166.054993		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	110.404999		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.09375167		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.94488144		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.0999999		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	36075.1289		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	24310.6895		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	243.964996		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	33845.8906		
CmMtrCurr_VecuSum_Volt_M_f32	1167.755		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	45		
k MaxCurrOffMtrVel RadpS f32	4.52163124		
k MtrCurrEOLMaxOffset Volts f32	3		
k MtrCurrEOLMinOffset Volts f32	1.36244023		
k MtrCurrOffLoComOff Cnt u16	569		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	0.810473204		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	744.84552		
tgt CmMtrCurr Per3 Vecu Volt f32.value	15.7255764		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	119.040482		
tgt CmMtrCurr Per3 VhSpdValid Cnt lgc.value	0		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	80000		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.19611669		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.60853982		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.43602788		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.57714796		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur	r1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_Mtrl		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	· -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvgCounter Cnt M u16	7000	7000 ± 1	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	
	25.4.6	00.11.01.1_11.11.12.02	

0

3

4.30000019

4.19999981

2.64458537

166.054993

110.404999

44898.4609

2.09375167

2.94488144

0

3

4.30000019 ± 0.0003

4.19999981 ± 0.0003

2.64458537 ± 0.0003

166.054993 ± 0.0003

110.404999 ± 0.0003 44898.4609 ± 0.0003

2.09375167 ± 0.0003

2.94488144 ± 0.0003

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CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc

CmMtrCurr_CurroffProcessFlag_M_enum

CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32

 $CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32$

 $CmMtrCurr_MtrCurr1SumHi_Volt_M_f32$

CmMtrCurr_MtrCurr1SumLo_Volt_M_f32

 $CmMtrCurr_MtrCurr1SumZero_Volt_M_f32$

CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32

CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32

CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	243.964996	243.964996 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33845.8906	33845.8906 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1167.755	1167.755 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.19611669	2.19611669 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.60853982	2.60853982 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.43602788	1.43602788 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.57714796	2.57714796 ± 0.0003	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	6598		
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC		
CmMtrCurr CurrOffTrimFlag Cnt M Igc	0		
CmMtrCurr CurroffProcessFlag M enum	1		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	4.4000001		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.30000019		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.66018128		
CmMtrCurr MtrCurr1SumHi Volt M f32	177.184998		
CmMtrCurr MtrCurr1SumLo Volt M f32	121.535004		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	47839.5703		
CmMtrCurr MtrCurr2OffsetHi Volt M f32	1.70141518		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	2.68251061		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	4.19999981		
CmMtrCurr MtrCurr2SumHi Volt M f32	39016.2383		
CmMtrCurr MtrCurr2SumLo Volt M f32	27251.8008		
CmMtrCurr MtrCurr2SumZero Volt M f32	255.095001		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	51807.4609		
CmMtrCurr VecuSum Volt M f32	1178.88501		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
CurrOffNoofAvg Cnt u16	65		
 :_MaxCurrOffMtrVel_RadpS_f32	0.478582621		
c_MtrCurrEOLMaxOffset_Volts_f32	2.5685184		
MtrCurrEOLMinOffset Volts f32	2.90548134		
MtrCurrOffLoComOff Cnt u16	587		
gt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	3		
gt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	3		
gt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	811.331848		
gt CmMtrCurr Per3 Vecu Volt f32.value	19.2174759		
gt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	8.20184326		
gt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	0		
gt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	23393.5		
gt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.60464764		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
gt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3		
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f	32	
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2 Volts 1		
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16	·	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	2	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt CmMtrCurr Per3 VehSpd Kph f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
Taille	Actual Value	Expected value	Resu

<u> </u>	192 2		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6598	6598 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	~

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Actual Value **Expected Value** CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 2.66018128 2.66018128 ± 0.0003 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 177.184998 177.184998 ± 0.0003 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 121.535004 121.535004 ± 0.0003 $CmMtrCurr_MtrCurr1SumZero_Volt_M_f32$ 47839.5703 47839.5703 ± 0.0003 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 1.70141518 ± 0.0003 1.70141518 $CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32$ 2.68251061 2.68251061 ± 0.0003 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 4.19999981 4.19999981 ± 0.0003 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 39016.2383 ± 0.0003 39016.2383 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 27251.8008 27251.8008 ± 0.0003 $CmMtrCurr_MtrCurr2SumZero_Volt_M_f32$ 255.095001 255.095001 ± 0.0003 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 51807.4609 51807.4609 ± 0.001 CmMtrCurr_VecuSum_Volt_M_f32 1178.88501 1178.88501 ± 0.0009765625 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 23393.5 23393.5 ± 0.004 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 2.60464764 2.60464764 ± 0.0003 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 3 ± 0.0003 3 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32$ 3 3 ± 0.0003

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

3 ± 0.0003

3





Test Step 2.87 (Repeat Count = 1)			V
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	156		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.5		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.25479984		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.78107488 188.315002		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	132.664993		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	110.404999		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.58771431		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.35347366		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.30000019		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	41957.3516		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30192.9102		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	266.225006		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	44949.707 1190.01501		
CmMtrCurr_VecuSum_Volt_M_f32 Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	78		
k MaxCurrOffMtrVel RadpS f32	15.8884287		
k_MtrCurrEOLMaxOffset_Volts_f32	2.11091685		
k_MtrCurrEOLMinOffset_Volts_f32	1.32012033		
k_MtrCurrOffLoComOff_Cnt_u16	635		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.0905168056		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.263404131		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	509.234589		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	12.2996988		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	96.7021332 0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	14402.5557		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.94053435		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
	3 1.38115203		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_ tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_tgt_CmMtrCurr2_Per3_ComOffset_Cnt_u16	f32	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_ tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_ tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3	f32	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_ tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_ tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32	f32	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_ tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_ tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3	f32 12	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32	f32 12	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	f32 12	Result
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal	f32 32	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal Actual Value	f32 32 Expected Value	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_ tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_ tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal Actual Value 156 CURROFF_INTIALISE 0	Expected Value 156 ± 1 CURROFF_INTIALISE 0	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Pim_ShCurrCal Actual Value 156 CURROFF_INTIALISE 0 3	Expected Value 156 ± 1 CURROFF_INTIALISE 0 3	· · · · · · · · · · · · · · · · · · ·
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal Actual Value 156 CURROFF_INTIALISE 0 3 4.5	Expected Value 156 ± 1 CURROFF_INTIALISE 0 3 4.5 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurrOffTroffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetHo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal Actual Value 156 CURROFF_INTIALISE 0 3 4.5 4.25479984	Expected Value 156 ± 1 CURROFF_INTIALISE 0 3 4.5 ± 0.0003 4.25479984 ± 0.0003	· · · · · · · · · · · · · · · · · · ·
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal Actual Value 156 CURROFF_INTIALISE 0 3 4.5 4.25479984 1.78107488	Expected Value 156 ± 1 CURROFF_INTIALISE 0 3 4.5 ± 0.0003 4.25479984 ± 0.0003 1.78107488 ± 0.0003	• • • • • • • • • • • • • • • • • • •
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal Actual Value 156 CURROFF_INTIALISE 0 3 4.5 4.25479984 1.78107488 188.315002	Expected Value 156 ± 1 CURROFF_INTIALISE 0 3 4.5 ± 0.0003 4.25479984 ± 0.0003 1.78107488 ± 0.0003 188.315002 ± 0.0003	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal Actual Value 156 CURROFF_INTIALISE 0 3 4.5 4.25479984 1.78107488	Expected Value 156 ± 1 CURROFF_INTIALISE 0 3 4.5 ± 0.0003 4.25479984 ± 0.0003 1.78107488 ± 0.0003	• • • • • • • • • • • • • • • • • • •
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tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_UrrOffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_WtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal Actual Value 156 CURROFF_INTIALISE 0 3 4.5 4.25479984 1.78107488 188.315002 132.664993 110.404999	Expected Value 156 ± 1 CURROFF_INTIALISE 0 3 4.5 ± 0.0003 4.25479984 ± 0.0003 1.78107488 ± 0.0003 188.315002 ± 0.0003 132.664993 ± 0.0003 110.404999 ± 0.0003	
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tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_MtrCurrOffSetHo_Volt_M_f32 CmMtrCurr_MtrCurr1OffSetHo_Volt_M_f32 CmMtrCurr_MtrCurr1OffSetHo_Volt_M_f32 CmMtrCurr_MtrCurr1OffSetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetDo_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurrPer3_ComOffset_Cnt_u16.value	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Ver2_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal Actual Value 156 CURROFF_INTIALISE 0 3 4.5 4.25479984 1.78107488 188.315002 132.664993 110.404999 1.58771431 1.35347366 4.30000019 41957.3516 30192.9102 266.225006 44949.707	Expected Value 156 ± 1 CURROFF_INTIALISE 0 3 4.5 ± 0.0003 4.25479984 ± 0.0003 1.78107488 ± 0.0003 188.315002 ± 0.0003 110.404999 ± 0.0003 1.58771431 ± 0.0003 1.35347366 ± 0.0003 4.30000019 ± 0.0003 4.30000019 ± 0.0003 30192.9102 ± 0.0003 266.225006 ± 0.0003 44949.707 ± 0.001	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_Igc CmMtrCurr_MtrCurr1OffSetH_Volt_M_f32 CmMtrCurr_MtrCurr1OffSetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffSetLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetH_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrYevcuSum_Volt_M_f32 CmMtrCurr_MtrCurrYevcuSum_Volt_M_f32 CmMtrCurr_MtrCurrYevcuSum_Volt_M_f32 CmMtrCurr_MtrCurrYevcuSum_Volt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_Ver2_Volt_f32 tgt_CmMtrCurr_Per3_Ver3_Ver3_Ver3_Uer3_Uer3_Uer3_Uer3_Uer3_Uer3_Uer3_U	Expected Value 156 ± 1 CURROFF_INTIALISE 0 3 4.5 ± 0.0003 4.25479984 ± 0.0003 1.78107488 ± 0.0003 188.315002 ± 0.0003 110.404999 ± 0.0003 1.58771431 ± 0.0003 1.35347366 ± 0.0003 4.30000019 ± 0.0003 4.30000019 ± 0.0003 4.957.3516 ± 0.0003 266.225006 ± 0.0003 44949.707 ± 0.001 1190.01501 ± 0.0009765625 0 ± 1	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_MtrCurr1OffSetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffSetLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurrPer3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_VerbSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igo tgt_Pim_ShCurrCal Actual Value 156 CURROFF_INTIALISE 0 3 4.5 4.25479984 1.78107488 188.315002 132.664993 110.404999 1.58771431 1.35347366 4.30000019 41957.3516 30192.9102 266.225006 44949.707 1190.01501 0 14402.5557	Expected Value 156 ± 1 CURROFF_INTIALISE 0 3 4.5 ± 0.0003 4.25479984 ± 0.0003 1.78107488 ± 0.0003 132.664993 ± 0.0003 110.404999 ± 0.0003 1.58771431 ± 0.0003 4.30000019 ± 0.0003 4.30000019 ± 0.0003 4.957.3516 ± 0.0003 30192.9102 ± 0.0003 44949.707 ± 0.001 1190.01501 ± 0.0009765625 0 ± 1 14402.5557 ± 0.004	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurrOffTrimFlag_Cnt_M_f32 CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 cmMtrCurr_ShCurl_MtrCurrValCmd_VoltCnts_f32 tgt_CmMtrCurr_ShCurl_MtrCurrVcalCmd_VoltCnts_f32 tgt_CmMtrCurr_ShCurl_MtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr\OffsetLo_Volts_f32	1.38115203 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igo tgt_Pim_ShCurrCal Actual Value 156 CURROFF_INTIALISE 0 3 4.5 4.25479984 1.78107488 188.315002 132.664993 110.404999 1.58771431 1.35347366 4.30000019 41957.3516 30192.9102 266.225006 44949.707 1190.01501 0 14402.5557 1	Expected Value 156 ± 1 CURROFF_INTIALISE 0 3 4.5 ± 0.0003 4.25479984 ± 0.0003 1.78107488 ± 0.0003 132.664993 ± 0.0003 110.404999 ± 0.0003 1.58771431 ± 0.0003 4.30000019 ± 0.0003 4.30000019 ± 0.0003 4.30000019 ± 0.0003 4.1957.3516 ± 0.0003 30192.9102 ± 0.0003 44949.707 ± 0.001 1190.01501 ± 0.0009765625 0 ± 1 14402.5557 ± 0.004 1 ± 0.0003	



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	•

Test Step 2.88 (Repeat Count = 1)			•
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	324		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0		
CmMtrCurr_CurroffProcessFlag_M_enum	2		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.96751535		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.65889978		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.08536386		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	199.445007		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	143.794998		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	121.535004		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.11344814		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.7515341		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.4000001		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	121.535004		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	277.355011		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	79444.0391		
CmMtrCurr_VecuSum_Volt_M_f32	1201.14502		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	98		
k_MaxCurrOffMtrVel_RadpS_f32	-1.74571145		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	2.75741673		
k_MtrCurrOffLoComOff_Cnt_u16	578		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.17344236		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.246088982		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-458.121368		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	20.6917629		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	35.2481384		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72285.4297		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.72539854		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.00565732		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	324	324 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	2	2	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.96751535	1.96751535 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.65889978	4.65889978 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.08536386	2.08536386 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	199.445007	199.445007 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	143.794998	143.794998 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	121.535004	121.535004 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.11344814	1.11344814 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.7515341	1.7515341 ± 0.0003	•

4.4000001

121.535004

33134.0195

277.355011

79444.0391

1201.14502

 $tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value$

 $CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32$

 $CmMtrCurr_MtrCurr2SumHi_Volt_M_f32$

 $CmMtrCurr_MtrCurr2SumLo_Volt_M_f32$

CmMtrCurr_VecuSum_Volt_M_f32

 $CmMtrCurr_MtrCurr2SumZero_Volt_M_f32$

 $CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32$

4.4000001 ± 0.0003

121.535004 ± 0.0003

33134.0195 ± 0.0003 277.355011 ± 0.0003

79444.0391 ± 0.001

1201.14502 ± 0.0009765625





Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72285.4297	72285.4297 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.72539854	2.72539854 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.00565732	1.00565732 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.89 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	852		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.21400023		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.85310507		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	210.574997		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	154.925003		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	132.664993		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.04485273		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.13700366		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.5		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	132.664993		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	288.484985		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	29199.0156		
CmMtrCurr_VecuSum_Volt_M_f32	1212.27502		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	200		
k_MaxCurrOffMtrVel_RadpS_f32	14.0580149		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	2.96438789		
k_MtrCurrOffLoComOff_Cnt_u16	550		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	155.577271		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	10.6618719		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	167.469498		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	57071.4023		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69777119		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCM	rCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOf		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_\	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpd	Valid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	852	852 ± 1	✓

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	852	852 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.21400023	4.21400023 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.85310507	1.85310507 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	210.574997	210.574997 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	154.925003	154.925003 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	132.664993	132.664993 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.04485273	1.04485273 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	~
CmMtrCurr MtrCurr2OffsetZero Volt M f32	4.5	4.5 ± 0.0003	✓





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	132.664993	132.664993 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	288.484985	288.484985 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	29199.0156	29199.0156 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	1212.27502	1212.27502 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	57071.4023	57071.4023 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999	2.0999999 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69777119	1.69777119 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.90 (Repeat Count = 1) Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	789		
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE		
CmMtrCurr CurrOffTrimFlag Cnt M Igc	0		
CmMtrCurr CurroffProcessFlag M enum	0		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	3		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.31556726		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.01227355		
	166.054993		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	143.794998		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.53732085		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.804142		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.5999999		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	44898.4609		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	39016.2383		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	299.61499		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55220.6094		
CmMtrCurr_VecuSum_Volt_M_f32	1223.40503		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	240		
k_MaxCurrOffMtrVel_RadpS_f32	13.8804178		
k_MtrCurrEOLMaxOffset_Volts_f32	2.32540631		
k_MtrCurrEOLMinOffset_Volts_f32	2.09939456		
k_MtrCurrOffLoComOff_Cnt_u16	560		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.72104454		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.51841879		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-259.473541		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	7.12514019		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	39.2272949		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	22414.6309		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.99420547		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvaCounter Cnt M u16	789	789 + 1	rtocart

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	789	789 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	0	0	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.01227355	2.01227355 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	166.054993	166.054993 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	143.794998	143.794998 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.53732085	2.53732085 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.804142	2.804142 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	299.61499	299.61499 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55220.6094	55220.6094 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	1223.40503	1223.40503 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	22414.6309	22414.6309 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.99420547	1.99420547 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.91 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	321		
CmMtrCurr CurrOffState UIs M enum	CURROFF ZEROAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr CurroffProcessFlag M enum	3		
CmMtrCurr MtrCurr1OffsetHi Volt M f32	4.19999981		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	1.59559977		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.69362235		
CmMtrCurr MtrCurr1SumHi Volt M f32	1.83543706		
CmMtrCurr MtrCurr1SumLo Volt M f32	12546.25		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	154.925003		
CmMtrCurr MtrCurr2OffsetHi Volt M f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.64458537		
CmMtrCurr MtrCurr2OffsetZero Volt M f32	4.6999981		
CmMtrCurr MtrCurr2SumHi Volt M f32	47839.5703		
CmMtrCurr MtrCurr2SumLo Volt M f32	41957.3516		
CmMtrCurr MtrCurr2SumZero Volt M f32	310.744995		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	6291.93994		
CmMtrCurr VecuSum Volt M f32	1234.53503		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k CurrOffNoofAvg Cnt u16	256		
k_MaxCurrOffMtrVel_RadpS_f32	-17.1000347		
k MtrCurrEOLMaxOffset Volts f32	2.48356295		
k MtrCurrEOLMinOffset Volts f32	1.48911309		
k MtrCurrOffLoComOff Cnt u16	570		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.7117908		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	1.85433602		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	-952.268921		
tgt CmMtrCurr Per3 Vecu Volt f32.value	29.1770477		
tgt CmMtrCurr Per3 VehSpd Kph f32.value	50.6882782		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	62277.6992		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.35439801		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	3		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.68871355		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.77594244		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1 Volts	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	321	321 ± 1	





Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.59559977	1.59559977 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.69362235	2.69362235 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.83543706	1.83543706 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	12546.25	12546.25 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	310.744995	310.744995 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	6291.93994	6291.93994 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	1234.53503	1234.53503 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	62277.6992	62277.6992 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.35439801	2.35439801 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.68871355	2.68871355 ± 0.0003	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.77594244	1.77594244 ± 0.0003	✓

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Name Input Value CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 456 CmMtrCurr_CurrOffState_Uis_M_enum CURROFF_HIAVERAGE CmMtrCurr_CurrOffTrimFlag_Cnt_M_ligc 0 CmMtrCurr_CurrOffFrimFlag_Lenum 2 CmMtrCurr_MtrCurr1OffsetId_Voit_M_f32 4.30000019 CmMtrCurr_MtrCurr1OffsetLo_Voit_M_f32 1.03742397 CmMtrCurr_MtrCurr1OffsetZero_Voit_M_f32 2.7563138 CmMtrCurr_MtrCurr1OffsetZero_Voit_M_f32 2.45438623 CmMtrCurr_MtrCurr1SumLo_Voit_M_f32 15487.3604 CmMtrCurr_MtrCurr1SumZero_Voit_M_f32 166.054993 CmMtrCurr_MtrCurr2SumCer_Voit_M_f32 2.29236197 CmMtrCurr_MtrCurr2OffsetLo_Voit_M_f32 2.66018128 CmMtrCurr_MtrCurr2OffsetLo_Voit_M_f32 2.66018128 CmMtrCurr_MtrCurr2SumHi_Voit_M_f32 4898.4609 CmMtrCurr_MtrCurr2SumLo_Voit_M_f32 44898.4609 CmMtrCurr_MtrCurrSumZero_Voit_M_f32 2.16658521 CmMtrCurr_MtrCurrSumLo_Voit_M_f32 2.16658521 CmMtrCurr_MtrCurrYalCmd_Voit_M_f32 1245.66504 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_ursc_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr </th <th></th>	
CmMtrCurr_CurrOffState_Uls_M_enum CURROFF_HIAVERAGE CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc 0 CmMtrCurr_CurroffTrimFlag_Cnt_M_lgc 0 CmMtrCurr_MrCurr1OffsetHi_Volt_M_f32 4.30000019 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 4.30000019 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 1.03742397 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 2.07563138 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 2.45438623 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 15487.3604 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 166.054993 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 2.2936197 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 2.66018128 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 2.79071116 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 44889.4609 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 44889.4609 CmMtrCurr_MtrCurrYalCmd_VoltCnt_M_f32 6069.5625 CmMtrCurr_MtrCurrYalCmd_Volt_M_f32 1245.66504 Rte_Inst_Sa_CmMtrCurr kg_t_le_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 201 k_MaccurrOffMtrVel_RadpS_f32 3.81855488 k_MtrCurrEOLManOffset_Volts_f32 1.3	
CmMtrCurr_CurroffTrimFlag_Cnt_M_lgc 0 CmMtrCurr_MrtCurr1OffsetHi_Volt_M_f32 4.30000019 CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 1.03742397 CmMtrCurr_MtrCurr1OffsetLev_Volt_M_f32 2.07563138 CmMtrCurr_MtrCurr1OffsetLev_Ovlt_M_f32 2.45438623 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 15487.3604 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 15487.3604 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 2.29236197 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 2.29236197 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 2.66018128 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 2.79071116 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 166.054993 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 44898.4609 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 2.16658521 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 60669.5625 CmMtrCurr_VecuSum_Volt_M_f32 1245.66504 Rte_Inst_Sa_CmMtrCurr tg_Rte_Inst_Sa_CmMtrCurr k_UncoffNotfset_Volts_f32 3.81855488 k_MtrCurrEOLMaxOffset_Volts_f32 3.81855488 k_MtrCurrEOLMinOffset_Volts_f32 3 k_MtrCurrEOLMinOffset_Volts_f32 <t< td=""><td></td></t<>	
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CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 1.03742397 CmMtrCurr_MtrCurr1SumLi_Volt_M_f32 2.07563138 CmMtrCurr_MtrCurr1SumLi_Volt_M_f32 2.45438623 CmMtrCurr_MtrCurr1SumLovolt_M_f32 15487.3604 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 166.054993 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 2.29236197 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 2.66018128 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 2.79071116 CmMtrCurr_MtrCurr2SumLi_Volt_M_f32 166.054993 CmMtrCurr_MtrCurr2SumLi_Volt_M_f32 44898.4609 CmMtrCurr_MtrCurr2SumLovolt_M_f32 2.16658521 CmMtrCurr_MtrCurr2SumLovolt_M_f32 2.16669.5625 CmMtrCurr_VecuSum_volt_M_f32 1245.66504 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_UrrOffMofAvg_Cnt_u16 201 k_MtrCurrEOLMaxOffset_Volts_f32 3.81855488 k_MtrCurrEOLMaxOffset_Volts_f32 3 k_MtrCurrEOLMinOffset_Volts_f32 3 k_MtrCurrPer3_ADCMtrCurr1_Volts_f32.value 2.00981569	
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CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 2.45438623 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 15487.3604 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 166.054993 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 2.29236197 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 2.66018128 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 2.79071116 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 166.054993 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 44898.4609 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 2.16658521 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 60669.5625 CmMtrCurr_VecuSum_Volt_M_f32 1245.66504 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 201 k_MaxCurrOffMtVel_RadpS_f32 3.81855488 k_MtrCurrEOLMaxOffset_Volts_f32 1.37243581 k_MtrCurrEOLMinOffset_Volts_f32 3 k_MtrCurrPer3_ADCMtrCurr1_Volts_f32.value 2.00981569	
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CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 2.66018128 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 2.79071116 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 166.054993 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 44898.4609 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 2.16658521 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 60669.5625 CmMtrCurr_VecuSum_Volt_M_f32 1245.66504 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 201 k_MaxCurrOffMtrVel_RadpS_f32 3.81855488 k_MtrCurrEOLMaxOffset_Volts_f32 1.37243581 k_MtrCurrEOLMinOffset_Volts_f32 3 k_MtrCurrOffLoComOff_Cnt_u16 580 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.00981569	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 2.79071116 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 166.054993 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 44898.4609 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 2.16658521 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 60669.5625 CmMtrCurr_VecuSum_Volt_M_f32 1245.66504 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 201 k_MaxCurrOffMtrVel_RadpS_f32 3.81855488 k_MtrCurrEOLMaxOffset_Volts_f32 1.37243581 k_MtrCurrEOLMinOffset_Volts_f32 3 k_MtrCurrOffLoComOff_Cnt_u16 580 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.00981569	
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CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 2.16658521 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 60669.5625 CmMtrCurr_VecuSum_Volt_M_f32 1245.66504 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 201 k_MaxCurrOffMtrVel_RadpS_f32 3.81855488 k_MtrCurrEOLMaxOffset_Volts_f32 1.37243581 k_MtrCurrEOLMinOffset_Volts_f32 3 k_MtrCurrOffLoComOff_Cnt_u16 580 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.00981569	
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CmMtrCurr_VecuSum_Volt_M_f32 1245.66504 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 201 k_MaxCurrOffMtrVel_RadpS_f32 3.81855488 k_MtrCurrEOLMaxOffset_Volts_f32 1.37243581 k_MtrCurrEOLMinOffset_Volts_f32 3 k_MtrCurrOffLoComOff_Cnt_u16 580 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.00981569	
Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 201 k_MaxCurrOffMtrVel_RadpS_f32 3.81855488 k_MtrCurrEOLMaxOffset_Volts_f32 1.37243581 k_MtrCurrEOLMinOffset_Volts_f32 3 k_MtrCurrOffLoComOff_Cnt_u16 580 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.00981569	
k_CurrOffNoofAvg_Cnt_u16 201 k_MaxCurrOffMtrVel_RadpS_f32 3.81855488 k_MtrCurrEOLMaxOffset_Volts_f32 1.37243581 k_MtrCurrEOLMinOffset_Volts_f32 3 k_MtrCurrOffLoComOff_Cnt_u16 580 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.00981569	
k_MaxCurrOffMtrVel_RadpS_f32 3.81855488 k_MtrCurrEOLMaxOffset_Volts_f32 1.37243581 k_MtrCurrEOLMinOffset_Volts_f32 3 k_MtrCurrOffLoComOff_Cnt_u16 580 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.00981569	
k_MtrCurrEOLMaxOffset_Volts_f32 1.37243581 k_MtrCurrEOLMinOffset_Volts_f32 3 k_MtrCurrOffLoComOff_Cnt_u16 580 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.00981569	
k_MtrCurrEOLMinOffset_Volts_f32 3 k_MtrCurrOffLoComOff_Cnt_u16 580 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.00981569	
k_MtrCurrOffLoComOff_Cnt_u16 580 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.00981569	
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 2.00981569	
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 0.478176117	
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value -720.601807	
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 8.00868893	
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value 96.1022034	
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc.value 0	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 10008.6699	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 3	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.0999999	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 2.74733996	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 2.06780672	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_t	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	456	456 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	2	2	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.03742397	1.03742397 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.45438623	2.45438623 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	166.054993	166.054993 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.29236197	2.29236197 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	166.054993	166.054993 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.16658521	2.16658521 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	60669.5625	60669.5625 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	1245.66504	1245.66504 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10008.6699	10008.6699 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.0999999	2.0999999 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.74733996	2.74733996 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.06780672	2.06780672 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.93 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	987
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.400001
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.80502975
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	18428.4707
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	177.184998
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.14946866
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.78107488
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	177.184998
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	47839.5703
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.70221376
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	29760.0313
CmMtrCurr_VecuSum_Volt_M_f32	1256.79504
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	287
k_MaxCurrOffMtrVel_RadpS_f32	0.81858474
k_MtrCurrEOLMaxOffset_Volts_f32	2.67829013
k_MtrCurrEOLMinOffset_Volts_f32	2.24850631
k_MtrCurrOffLoComOff_Cnt_u16	590
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.05495
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.461880445
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	134.241531
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	22.614172
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	24.4698029
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	19855.9141
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.38177371
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3





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Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.12464821		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl	n_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	987	987 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.80502975	1.80502975 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	2 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	177.184998	177.184998 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.14946866	2.14946866 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	177.184998	177.184998 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.70221376	2.70221376 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	29760.0313	29760.0313 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	1256.79504	1256.79504 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	19855.9141	19855.9141 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.38177371	1.38177371 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.12464821	1.12464821 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.94 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	123
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.5
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.98750019
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.99468088
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	188.315002
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.04940093
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.08536386
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.70995927
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	188.315002
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	154.925003
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.48992085
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	822.058472
CmMtrCurr_VecuSum_Volt_M_f32	1267.92505
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	369
k_MaxCurrOffMtrVel_RadpS_f32	12.4886007
k_MtrCurrEOLMaxOffset_Volts_f32	1.65580761
k_MtrCurrEOLMinOffset_Volts_f32	1.22726393
k_MtrCurrOffLoComOff_Cnt_u16	600
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.85192013
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.695093632
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	326.11499

CmMtrCurr_Per3



Name	Input Value
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	29.3090153
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	157.538879
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	26188.6523
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal

tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	123	123 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.5	4.5 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.98750019	4.98750019 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.99468088	2.99468088 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	188.315002	188.315002 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.04940093	1.04940093 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.08536386	2.08536386 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.70995927	2.70995927 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	188.315002	188.315002 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	154.925003	154.925003 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.48992085	1.48992085 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	822.058472	822.058472 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	1267.92505	1267.92505 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	26188.6523	26188.6523 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Test Step 2.95 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	654	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.65799999	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	24310.6895	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.25644183	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.85310507	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.47229958	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	199.445007	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	166.054993	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.7490567	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27630.3457	
CmMtrCurr_VecuSum_Volt_M_f32	1279.05505	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrOffNoofAvg_Cnt_u16	758	
k_MaxCurrOffMtrVel_RadpS_f32	-2.34426165	

 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32$

tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32

CmMtrCurr_Per3

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Input Value k_MtrCurrEOLMaxOffset_Volts_f32 2.6005137 k_MtrCurrEOLMinOffset_Volts_f32 1.91483116 k_MtrCurrOffLoComOff_Cnt_u16 610 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 1.4138906 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 0.192475557 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value -1036.52832 tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 11.2531099 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value 179.816025 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value 0 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$ 74569.2109 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32$ 2 8537457 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 2.0999999 tat Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 1 95220804 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16$ tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32

tgt_CmMtrCurr_Per3_Vecu_Volt_f32

tgt_CmMtrCurr_Per3_VehSpd_Kph_f32

tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	d_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	654	654 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.65799999	4.65799999 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.25644183	1.25644183 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.85310507	1.85310507 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.47229958	2.47229958 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	199.445007	199.445007 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	166.054993	166.054993 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.7490567	1.7490567 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27630.3457	27630.3457 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1279.05505	1279.05505 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	74569.2109	74569.2109 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.8537457	2.8537457 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.0999999	2.0999999 ± 0.0003	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

1.95220804

1.95220804 ± 0.0003

Test Step 2.96 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	789	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.89549541	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.40884519	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.13619637	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.31556726	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.88888454	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	177.184998	

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32

CmMtrCurr_Per3



Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.07448936		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	42221.3203		
CmMtrCurr_VecuSum_Volt_M_f32	1290.18506		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	965		
k_MaxCurrOffMtrVel_RadpS_f32	20		
k_MtrCurrEOLMaxOffset_Volts_f32	1.44712067		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	620		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.61933661		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.85926533		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	835.908203		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	30.6474495		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	112.531464		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	2294.66455		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19391191		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.51261997		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	789	789 ± 1	~

9	19.2		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	789	789 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.89549541	2.89549541 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	2 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.40884519	2.40884519 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.13619637	2.13619637 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.88888454	2.88888454 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	177.184998	177.184998 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.07448936	2.07448936 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	42221.3203	42221.3203 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	1290.18506	1290.18506 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	2294.66455	2294.66455 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19391191	1.19391191 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.51261997	2.51261997 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1	1 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.97 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	258	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.84897995	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.87566257	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.98715258	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	30192.9102	

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Name	Input Value		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.69362235		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.32500005		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.51541853		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	188.315002		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	48405.0742		
CmMtrCurr_VecuSum_Volt_M_f32	1301.31494		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	425		
k_MaxCurrOffMtrVel_RadpS_f32	-14.1836586		
k_MtrCurrEOLMaxOffset_Volts_f32	1.92762423		
k_MtrCurrEOLMinOffset_Volts_f32	1.8978399		
k_MtrCurrOffLoComOff_Cnt_u16	630		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.07892632		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.13208938		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	154.766327		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	27.8470592		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	107.744522		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	55517.6172		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.69640589		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.25554037		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.41780448		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	n_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	258	258 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr CurrOffTrimFlag Cnt M Igc	0	0	✓
CmMtrCurr CurroffProcessFlag M enum	3	3	✓
CmMtrCurr MtrCurr1OffsetHi Volt M f32	2.84897995	2.84897995 ± 0.0003	_
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.87566257	2.87566257 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr MtrCurr1SumHi Volt M f32	1.98715258	1.98715258 ± 0.0003	~
CmMtrCurr MtrCurr1SumLo Volt M f32	30192.9102	30192.9102 ± 0.0003	~
CmMtrCurr MtrCurr1SumZero Volt M f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr MtrCurr2OffsetLo Volt M f32	2.69362235	2.69362235 ± 0.0003	✓
CmMtrCurr MtrCurr2OffsetZero Volt M f32	3.32500005	3.32500005 ± 0.0003	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

2.51541853

188.315002

48405.0742

1301.31494

55517.6172

2.69640589

2.25554037

2.41780448

3

2.51541853 ± 0.0003 188.315002 ± 0.0003

48405.0742 ± 0.001

55517.6172 ± 0.004

2.69640589 ± 0.0003

 2.25554037 ± 0.0003

2.41780448 ± 0.0003

 3 ± 0.0003

1301.31494 ± 0.0009765625

3 ± 0.0003

0 ± 1

Test Step 2.98 (Repeat Count = 1)	√
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	963
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0

CmMtrCurr_MtrCurr2SumHi_Volt_M_f32

CmMtrCurr_MtrCurr2SumLo_Volt_M_f32

CmMtrCurr_VecuSum_Volt_M_f32

CmMtrCurr_MtrCurr2SumZero_Volt_M_f32

CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32

tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value

 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$

 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32\\ tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32\\$

tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$

2016-07-24, 11:55:02+0530



CmMtrCurr Per3

CmMtrCurr_Per3			MAZUICAL
Name	Input Value		
CmMtrCurr_CurroffProcessFlag_M_enum	2		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.54913402		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.94442797		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1		
CmMtrCurr MtrCurr1SumHi Volt M f32	3		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	33134.0195		
CmMtrCurr MtrCurr1SumZero Volt M f32	3		
CmMtrCurr MtrCurr2OffsetHi Volt M f32	2.62846303		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	2.07563138		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.06366134		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.73499858		
CmMtrCurr MtrCurr2SumLo Volt M f32	3		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	74986.2109		
CmMtrCurr_VecuSum_Volt_M_f32	7.39995432		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	852		
k_MaxCurrOffMtrVel_RadpS_f32	7.57663059		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	640		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.222373962		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	2.24403715		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	-314.374207		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	16.912838		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	86.0272217		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	61646.7266		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.27882886		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.48694754		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.0999999		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1 Volte f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Crit_igc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	Formanda d Malica	D
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	963	963 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	2	2	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.54913402	1.54913402 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.94442797	1.94442797 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	,
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.62846303	2.62846303 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	•
Continue Machine Marchine Office Toro Volt M 522	0.00000404	0.00000404 + 0.0000	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	963	963 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	2	2	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.54913402	1.54913402 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.94442797	1.94442797 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.62846303	2.62846303 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.73499858	1.73499858 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	74986.2109	74986.2109 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	7.39995432	7.39995432 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	61646.7266	61646.7266 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.27882886	1.27882886 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.48694754	1.48694754 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.0999999	2.0999999 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•



Test Step 2.99 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr MtrCurr1OffsetZero Volt M f32	4.5999999 4.5999999		
CmMtrCurr MtrCurr1SumHi Volt M f32	0		
CmMtrCurr MtrCurr1SumLo Volt M f32	2.98567462		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	43.625		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57437587		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	16.249506		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	88.1449966		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	2.23846722 25603.0664		
CmMtrCurr_VecuSum_Volt_M_f32	633.515015		
Rte_Inst_Sa_CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	1		
k_MaxCurrOffMtrVel_RadpS_f32	9.50732899		
k_MtrCurrEOLMaxOffset_Volts_f32	2.87722993		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	555		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	1.91991305 9		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.3727503		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6889.93945		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2081331		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.52772772	N. W. 700	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ADCMtrCurr2_ tgt_CmMtrCurr_Per3_ComOffset_Cn		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt CmMtrCurr Per3 MtrVel MtrRad	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	· -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_C	nt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	V
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3	3 ± 0.0003	
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.5999999	4.5999999 ± 0.0003	_
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.98567462	2.98567462 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	43.625	43.625 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57437587	1.57437587 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	V
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr MtrCurr2SumHi Volt M f32	1.31556726 18.1694183	1.31556726 ± 0.0003 18.1694202 ± 0.0003	· ·
CmMtrCurr_MtrCurr2SumHi_voit_iM_f32 CmMtrCurr_MtrCurr2SumLo_voit_M_f32	88.1449966	88.1449966 ± 0.0003	
CmMtrCurr MtrCurr2SumZero Volt M f32	2.23846722	2.23846722 ± 0.0003	_
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25603.0664	25603.0664 ± 0.001	
CmMtrCurr_VecuSum_Volt_M_f32	644.887756	644.887756 ± 0.0009765625	✓
	4000	4000 ± 1	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6889.93945	6889.93945 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541	1.373541 ± 0.0003	,
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.373541 2.74678731	1.373541 ± 0.0003 2.74678731 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541	1.373541 ± 0.0003	***



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	•

Test Step 2.100 (Repeat Count = 1)			•		
Name	Input Value				
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63				
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE				
CmMtrCurr CurrOffTrimFlag Cnt M Igc	1				
CmMtrCurr CurroffProcessFlag M enum	3				
CmMtrCurr MtrCurr1OffsetHi Volt M f32	2.18156958				
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.69999981				
CmMtrCurr MtrCurr1OffsetZero Volt M f32	4.69999981				
CmMtrCurr MtrCurr1SumHi Volt M f32	320				
CmMtrCurr MtrCurr1SumLo Volt M f32	3				
CmMtrCurr MtrCurr1SumZero Volt M f32	54.7550011				
CmMtrCurr MtrCurr2OffsetHi Volt M f32	3				
CmMtrCurr MtrCurr2OffsetLo Volt M f32	4.5				
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.69362235				
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	8.32323647				
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	99.2750015				
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	143.794998				
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	52238.7539				
CmMtrCurr_VecuSum_Volt_M_f32	644.64502				
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr				
k CurrOffNoofAvg Cnt u16	10000				
k MaxCurrOffMtrVel RadpS f32	5.76168537				
k MtrCurrEOLMaxOffset Volts f32	3				
k MtrCurrEOLMinOffset Volts f32	2.70517826				
k MtrCurrOffLoComOff Cnt u16	666				
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0				
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	0.877636433	· ·			
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	5				
tgt CmMtrCurr Per3 Vecu Volt f32.value	28.716383				
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1,22093002e-008				
tgt CmMtrCurr Per3 VhSpdValid Cnt lgc.value	1				
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	18718.8105				
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.61436653				
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.75549197				
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.20556092				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.91193855				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	Volta f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	-			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	-			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_0	Snt_igc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	I=	1_		
Name	Actual Value	Expected Value	Resu		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1			
CmMtrCurr_CurroffProcessFlag_M_enum	1	1			
0.1410141010714111411400	0.40456050	2.40456050 + 0.0002			

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.18156958	2.18156958 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	320	320 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	54.7550011	54.7550011 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235	2.69362235 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	9.20087242	9.20087242 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	99.2750015	99.2750015 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	143.794998	143.794998 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	52238.7539	52238.7539 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	673.361389	673.361389 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~

CmMtrCurr_Per3



Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	18718.8105	18718.8105 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.61436653	2.61436653 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.75549197	2.75549197 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.20556092	1.20556092 ± 0.0003	~
tot Pim ShCurrCal FOI MtrCurr2OffsetDiff Volts f32	1 91193855	1 91193855 + 0 0003	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 2.101 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.47964859		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.79071116		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.79071116		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	255.210007		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.9184866		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	65.8850021		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.0520041		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5999999		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	30.7622643		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	110.404999		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	36546.3594		
CmMtrCurr VecuSum Volt M f32	655.775024		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	900		
k_MaxCurrOffMtrVel_RadpS_f32	15.5906773		
k_MtrCurrEOLMaxOffset_Volts_f32	2.96421409		
k MtrCurrEOLMinOffset Volts f32	1.23255312		
k MtrCurrOffLoComOff Cnt u16	777		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.78046203		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	3		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	15		
tgt CmMtrCurr Per3 Vecu Volt f32.value	21.4816856		
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.12093002e-008		
tgt CmMtrCurr Per3 VhSpdValid Cnt lgc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	36079.5391		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96690226		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.88593364		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur	rr1 Volts f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCu		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel Mtr		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt CmMtrCurr Per3 Vecu Volt	· -	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt CmMtrCurr Per3 VehSpd K		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid	· -	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt Pim ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	64	64 ± 1	Kesuit
Onivitioun_ounonAvgoounter_ont_ivi_u.to	04	U4 1 1	•

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.47964859	2.47964859 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	257.990479	257.990448 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.9184866	2.9184866 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	65.8850021	65.8850021 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.0520041	2.0520041 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33.7622643	33.7622643 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	110.404999	110.404999 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	36546.3594	36546.3594 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	677.256714	677.256714 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36079.5391	36079.5391 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96690226	2.96690226 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.88593364	2.88593364 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.102 (Repeat Count = 1) Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63			
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE			
CmMtrCurr CurrOffTrimFlag Cnt M Igc	1			
CmMtrCurr_CurroffProcessFlag_M_enum	3			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999			
CmMtrCurr MtrCurr1OffsetZero Volt M f32	4.5999999			
CmMtrCurr MtrCurr1SumHi Volt M f32	0			
CmMtrCurr MtrCurr1SumLo Volt M f32	2.98567462			
	43.625			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr MtrCurr2OffsetHi Volt M f32	1.57437587			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001 1.31556726			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32				
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	16.249506			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	88.1449966			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.23846722			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25603.0664			
CmMtrCurr_VecuSum_Volt_M_f32	633.515015			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
<_CurrOffNoofAvg_Cnt_u16	64			
k_MaxCurrOffMtrVel_RadpS_f32	9.50732899			
k_MtrCurrEOLMaxOffset_Volts_f32	2.87722993			
k_MtrCurrEOLMinOffset_Volts_f32	3			
k_MtrCurrOffLoComOff_Cnt_u16	500			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.91991305			
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.3727503			
gt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008			
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6889.93945			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2081331			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.52772772			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0	Curr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffs	et_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_N	/trRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Vc	lt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_	Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdVa	alid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resu	
CmMtrCurr CurrOffAvgCounter Cnt M u16	0	0 ± 1		

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0.046875	0.046875 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.98567462	2.98567462 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	43.625	43.625 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0.283897161	0.283897191 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	18.1694183	18.1694202 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	88.1449966	88.1449966 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.23846722	2.23846722 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	35267.3008	35267.3008 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	644.887756	644.887756 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	500	500 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6889.93945	6889.93945 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541	1.373541 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731	2.74678731 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2081331	1.2081331 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.52772772	1.52772772 ± 0.0003	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

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Test Step 2.103 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.18156958		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.69999981		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	320		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	54.7550011		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	8.32323647		
CmMtrCurr MtrCurr2SumLo Volt M f32	99.2750015		
CmMtrCurr MtrCurr2SumZero Volt M f32	143.794998		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	52238.7539		
CmMtrCurr_VecuSum_Volt_M_f32	644.64502		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k CurrOffNoofAvg Cnt u16	64		
k_MaxCurrOffMtrVel_RadpS_f32	5.76168537		
k MtrCurrEOLMaxOffset Volts f32	3		
k MtrCurrEOLMinOffset Volts f32	2.70517826		
k MtrCurrOffLoComOff Cnt u16	1500		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.877636433		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	5		
tgt CmMtrCurr Per3 Vecu Volt f32.value	28.716383		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008		
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	18718.8105		
	2.61436653		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.75549197		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.20556092		
	1.20556092		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32		and Malta \$22	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_Mtr	· -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	-	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_K	· -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	d_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	✓





Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	5	5 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	320	320 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	54.7550011	54.7550011 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0.143763632	0.143763632 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235	2.69362235 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	9.20087242	9.20087242 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	99.2750015	99.2750015 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	143.794998	143.794998 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	26303.1797	26303.1797 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	673.361389	673.361389 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	1500	1500 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	18718.8105	18718.8105 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.61436653	2.61436653 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.75549197	2.75549197 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.20556092	1.20556092 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.91193855	1.91193855 ± 0.0003	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	Input Value
2 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	63
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.47964859
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.79071116
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.79071116
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	255.210007
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.9184866
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	65.8850021
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.0520041
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5999999
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	30.7622643
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	110.404999
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	36546.3008
CmMtrCurr_VecuSum_Volt_M_f32	122
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	64
k_MaxCurrOffMtrVel_RadpS_f32	15.5906773
k_MtrCurrEOLMaxOffset_Volts_f32	2.96421409
k_MtrCurrEOLMinOffset_Volts_f32	1.23255312
k_MtrCurrOffLoComOff_Cnt_u16	658
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.78046203
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	15
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	6
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36079.5391
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96690226
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.88593364
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32

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 Name
 Input Value

 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32
 tgt_CmMtrCurr_Per3_Vecu_Volt_f32

 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32
 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32

 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc
 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc

 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal
 tgt_Pim_ShCurrCal

 Name
 Actual Value
 Expected Value
 Resul

 CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16
 0
 0 ± 1

 CmMtrCurr_CurrOffState_Uls_M_enum
 CURROFF_LOAVERAGE
 CURROFF_LOAVERAGE

 CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc
 1
 1

9	19		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.03110123	4.03110075 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	257.990479	257.990448 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.9184866	2.9184866 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	65.8850021	65.8850021 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0.527535379	0.527535379 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33.7622643	33.7622643 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	110.404999	110.404999 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	6684	6684 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	128	128 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	658	658 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36079.5391	36079.5391 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96690226	2.96690226 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.88593364	2.88593364 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Fest Step Call Trace ✓							
Actual Function	Count	Expected Function	Count	Result			
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~			
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~			



Test Case 3: Path Test

```
Specification
```

```
Performance Metrics : [With "None" Instrumentation and WithPS Environment]
```

CPU Cycles:

TC3.1 1141 Cycles
TC3.2 1147 Cycles
TC3.3 1272 Cycles
TC3.4 1214 Cycles
TC3.5 1231 Cycles
TC3.6 1202 Cycles
TC3.7 1856 Cycles
TC3.8 1193 Cycles
TC3.9 1366 Cycles
TC3.10 1286 Cycles
TC3.11 1271 Cycles
TC3.12 1392 Cycles
TC3.13 1338 Cycles
TC3.14 1279 Cycles
TC3.15 1277 Cycles

Description

VECTOR DESCRIPTION:

```
TC3.1 if( CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc == TRUE )=>False
TC3.2 "if( CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc == TRUE )=>True
((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_ MaxCurrOffMtrVel_RadpS_f32) &&
(VehSpd_Kph_T_f32 < FLT_EPSILON) &&
(VhSpdValid_Cnt_T_lgc == TRUE))=False"
TC3.3 "if( (Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) &&
(VehSpd_Kph_T_f32 < FLT_EPSILON) &&
(VhSpdValid_Cnt_T_lgc == TRUE))=>True
(CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 ==k_CurrOffNoofAvg_Cnt_u16)=False"
TC3.4 (CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 ==k_CurrOffNoofAvg_Cnt_u16)=False
TC3.5 "( (CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOL
           TC3.1 if( CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc == TRUE )=>False
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) && (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) )=False"
TC3.6 (CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 == k_CurrOffNoofAvg_Cnt_u16)=False
TC3.7 "(CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) =True"
TC3.8 "((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) =True&& (VehSpd_kph_T_f32 <= TRUE))"
TC3.9 (CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 == k_CurrOffNoofAvg_Cnt_u16)=True
TC3.10 (CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 == k_CurrOffNoofAvg_Cnt_u16)=True
TC3.11 (CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 == k_CurrOffNoofAvg_Cnt_u16)=True
TC3.12 "((CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (C
                                             (CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32)=True && (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True&&
                                           (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32)=True &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32)=True &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMinOffset_Volts_f32)=False &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32)=False &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) )"
3.14 "((CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32)=True &&
(CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True &&
                                           (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaXOffset_Volts_f32)=False&& (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32))"

215_Cone_Elon_T_Car_Elon_T_G12 = k_MtrCurrEOLMaxOffset_Volts_f32))"
         TC3.15 Case Else= True
```

est Step 3.1 (Repeat Count = 1)		
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	
CmMtrCurr_CurroffProcessFlag_M_enum	0	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1	

 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32$

tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32

tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16

tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32

tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32

tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32

tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Input Value $CmMtrCurr_MtrCurr1SumLo_Volt_M_f32$ $CmMtrCurr_MtrCurr1SumZero_Volt_M_f32$ CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 1 $CmMtrCurr_MtrCurr2SumZero_Volt_M_f32$ 1 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 243.964996 Rte_Inst_Sa_CmMtrCurr tgt_Rte_Inst_Sa_CmMtrCurr k_CurrOffNoofAvg_Cnt_u16 k_MaxCurrOffMtrVel_RadpS_f32 -20 k MtrCurrEOLMaxOffset Volts f32 1 k_MtrCurrEOLMinOffset_Volts_f32 550 k_MtrCurrOffLoComOff_Cnt_u16 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value 0 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 0 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value -1118 tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 5 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value 0 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value 0 $tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32$ 0 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 1 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32$ tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32

tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32

tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32

tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16

tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32

tgt_CmMtrCurr_Per3_Vecu_Volt_f32

tgt CmMtrCurr Per3 VehSpd Kph f32

tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc

tgt_rtto_mot_ou_onmittourronmittour_roro_rnopurand_ont_igo	tgt_ccun_r oro_ropurum		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1	1 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	0	0	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1	1 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1	1 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1	1 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1	1 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	0	0 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	243.964996	243.964996 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1	1 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1	1 ± 0.0003	✓

Test Step Call Trace						
Actual Function		Expected Function	Count	Result		
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~		
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•		

Test Step 3.2 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC

2016-07-24, 11:55:02+0530



CmMtrCurr_Per3

Name	Input Value		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	80000		
CmMtrCurr_VecuSum_Volt_M_f32	255.095001		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	2		
k_MaxCurrOffMtrVel_RadpS_f32	20		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	600		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	1118		
tgt CmMtrCurr Per3 Vecu Volt f32.value	31		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	255		
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f:		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_CmMtrCurr_Per3_VhSpdValid_ tgt_Pim_ShCurrCal	_Cnt_igc	
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	2	2 ± 1	Kesuit
CmMtrCurr CurrOffState Uls M enum	CURROFF INTIALISE	CURROFF INTIALISE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	
CmMtrCurr CurroffProcessFlag M enum	3	3	•
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3	3 ± 0.0003	~
CmMtrCurr MtrCurr1OffsetLo Volt M f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	3 ± 0.0003	Y
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	Y
Confidence on Marchard (al Cond 1/-140-4 A4 500	80000	80000 ± 0.001	· ·
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32			
CmMtrCurr_VecuSum_Volt_M_f32	255.095001	255.095001 ± 0.0009765625	
CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	255.095001 0	0 ± 1	•
CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	255.095001 0 80000	0 ± 1 80000 ± 0.004	•
CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	255.095001 0	0 ± 1 80000 ± 0.004 3 ± 0.0003	•
CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	255.095001 0 80000 3	0 ± 1 80000 ± 0.004	•

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~		
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~		

3 ± 0.0003

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$



Test Step 3.3 (Repeat Count = 1)	Test Step 3.3 (Repeat Count = 1)				
Name	Input Value				
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3				
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE				
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1				
CmMtrCurr_CurroffProcessFlag_M_enum	1				
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78107488 2.77936649				
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1				
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3				
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3				
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.35713053				
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57947969				
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.20168996				
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1				
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.40007114				
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.39919996				
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.50101531				
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	24410.7969				
CmMtrCurr_VecuSum_Volt_M_f32	266.225006				
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr				
k_CurrOffNoofAvg_Cnt_u16	5				
k_MaxCurrOffMtrVel_RadpS_f32	13.78934				
k_MtrCurrEOLMaxOffset_Volts_f32 k_MtrCurrEOLMinOffset_Volts_f32	2.81365776 1.01982665				
k_MtrCurrOffLoComOff_Cnt_u16	650				
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0				
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.77544999				
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	13				
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	26.1811924				
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.92093008e-008				
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1				
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79716.3125				
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3				
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33796501				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4327662				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_ComOffset_C tgt_CmMtrCurr_Per3_MtrVel_MtrRa	_			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	· -			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt_CmMtrCurr_Per3_VehSpd_Kph				
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt_CmMtrCurr_Per3_VhSpdValid_(
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal				
Name	Actual Value	Expected Value	Result		
CmMtrCurr CurrOffAvgCounter Cnt M u16	4	4 ± 1	~		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	~		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~		
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	~		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.77936649	2.77936649 ± 0.0003	~		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1 ± 0.0003	~		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.35713053	1.35713053 ± 0.0003	V		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57947969	1.57947969 ± 0.0003	V		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.20168996	2.20168996 ± 0.0003 1 ± 0.0003	~		
CmMtrCurr MtrCurr2SumHi Volt M f32	4.1755209	4.1755209 ± 0.0003	•		
CmMtrCurr MtrCurr2SumLo Volt M f32	2.39919996	2.39919996 ± 0.0003			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.50101531	1.50101531 ± 0.0003	~		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	24410.7969	24410.7969 ± 0.001	~		
CmMtrCurr_VecuSum_Volt_M_f32	292.406189	292.406189 ± 0.0009765625	~		
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✓		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79716.3125	79716.3125 ± 0.004	~		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33796501	2.33796501 ± 0.0003	~		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4327662	2.4327662 ± 0.0003	✓		



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	•	

Input Value		
4		
CURROFF_ZEROAVERAGE		
1		
3		
3		
2.46805692		
2		
2.46084809		
1.86561072		
3		
3		
2.85745907		
2		
2.35386825		
2.47220445		
3		
27914.8262		
277.355011		
tgt_Rte_Inst_Sa_CmMtrCurr		
32		
15		
1.39142871		
2.28647137		
700		
3		
1.09178734		
14		
6.35709572		
3		
	Volts f32	
	_	
	_	
	F	
	32	
	90	
	Expected Value	Poor
	· · · · · · · · · · · · · · · · · · ·	Resu
_	_	
3	3 ± 0.0003	
2.46805692	2.46805692 ± 0.0003	
2.46805692 2	2 ± 0.0003	
2.46805692 2 2.46084809	2 ± 0.0003 2.46084809 ± 0.0003	
2.46805692 2 2.46084809 1.86561072	2 ± 0.0003 2.46084809 ± 0.0003 1.86561072 ± 0.0003	
2.46805692 2 2.46084809 1.86561072 6	2 ± 0.0003 2.46084809 ± 0.0003 1.86561072 ± 0.0003 6 ± 0.0003	
2.46805692 2 2.46084809 1.86561072 6 3	2 ± 0.0003 2.46084809 ± 0.0003 1.86561072 ± 0.0003 6 ± 0.0003 3 ± 0.0003	
2.46805692 2 2.46084809 1.86561072 6	2 ± 0.0003 2.46084809 ± 0.0003 1.86561072 ± 0.0003 6 ± 0.0003	
	CURROFF_ZEROAVERAGE 1 3 3 2.46805692 2 2.46084809 1.86561072 3 3 2.85745907 2 2.35386825 2.47220445 3 27914.8262 277.355011 tgt_Rte_Inst_Sa_CmMtrCurr 32 15 1.39142871 2.28647137 700 3 1.09178734 14 6.35709572 1.82093007e-008 1 37732.9023 2.63156509 3 1.93776929 2.30192566 tgt_CmMtrCurr_Per3_ADCMtrCurr2_tgt_CmMtrCurr_Per3_ADCMtrCurr2_tgt_CmMtrCurr_Per3_Decomplished tgt_CmMtrCurr_Per3_ADCMtrCurr2_tgt_CmMtrCurr_Per3_Decomplished tgt_CmMtrCurr_Per3_Decomplished tgt_CmMtrCurr_Per3_Decomplished tgt_CmMtrCurr_Per3_Decomplished tgt_CmMtrCurr_Per3_Vecu_Volt_f32 t	4 CURROFF_ZEROAVERAGE 1 3 3 2.46805692 2 2.468084809 1.86561072 3 3 2.85745907 2 2.35386825 2.47220445 3 27914.8262 277.355011 tgt_Rte_Inst_Sa_CmMtrCurr 32 15 1.39142871 2.28647137 700 3 1.09178734 14 6.35709572 1.82093007e-008 1 37732.9023 2.63156509 3 1.93776929 2.30192566 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_Vesp_Volt_f32 tgt_Cmtr_Per3_Vesp_Volt_f32 tgt_Cmtr_Per3_Vesp_Volt_f32 tgt_Cmtr_Per3_Vesp_Volt_f32 tgt_Cmtr_Per3_Vesp_Volt_f32 tgt_Cmtr_Per3_Vesp_Volt_f32 tgt_Cmtr_Per3_Vesp_Volt_f32 tgt_Cmtr_Per3_Vesp_Volt_f32 tgt_Cmtr_Per3_Vesp_Volt_f32 tgt_Cmtr_Per3_Vesp_Volt_f32 t

CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.46805692	2.46805692 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	2 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.46084809	2.46084809 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.86561072	1.86561072 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	6	6 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.85745907	2.85745907 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2	2 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.35386825	2.35386825 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.47220445	2.47220445 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	4.09178734	4.09178734 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27914.8262	27914.8262 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	277.355011	277.355011 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~

CmMtrCurr_Per3



Name	Actual Value	Expected Value	Result	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	37732.9023	37732.9023 ± 0.004	✓	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.63156509	2.63156509 ± 0.0003	✓	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.93776929	1.93776929 ± 0.0003	✓	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.30192566	2.30192566 ± 0.0003	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 3.5 (Repeat Count = 1)			√	
Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1			
CmMtrCurr_CurroffProcessFlag_M_enum	0			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.2157042			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.65512764			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.1293149			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.24502039			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.56739533			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.16943264			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.87105429			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	54641.4297			
CmMtrCurr_VecuSum_Volt_M_f32	288.484985			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	5			
k_MaxCurrOffMtrVel_RadpS_f32	10.7542696			
k_MtrCurrEOLMaxOffset_Volts_f32	3			
k_MtrCurrEOLMinOffset_Volts_f32	3			
k_MtrCurrOffLoComOff_Cnt_u16	750			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.35665202			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.39090562			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	10			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	10.8860092			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.42093004e-008			
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	5549.88623			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.08785343			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.94626999			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.92457032			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCM	trCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCM	trCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComO	fset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel	_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_	/olt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSp	d_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpd	Valid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resul	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5	5 ± 1		

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5	5 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.2157042	2.2157042 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.65512764	1.65512764 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	2 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.1293149	2.1293149 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.24502039	1.24502039 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.56739533	1.56739533 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2	2 ± 0.0003	✓





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.16943264	2.16943264 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.87105429	1.87105429 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	54641.4297	54641.4297 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	288.484985	288.484985 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	5549.88623	5549.88623 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.08785343	2.08785343 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.94626999	2.94626999 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.92457032	2.92457032 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Nome	Innut Value		
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.61728585		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.16198051		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.49484968		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.25865233		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91161692		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.69007492		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.76790476		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.1677835		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242		
CmMtrCurr_VecuSum_Volt_M_f32	299.61499		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	10		
k_MaxCurrOffMtrVel_RadpS_f32	0.119885504		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1.68836021		
k_MtrCurrOffLoComOff_Cnt_u16	800		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.214018106		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	0		
tgt CmMtrCurr Per3 Vecu Volt f32.value	7.86561155		
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.22093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	35326.4414		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.19832134		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.70113182		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.12521768		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.1041311		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f	32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16	~=	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32)	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt CmMtrCurr Per3 Vecu Volt f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	- / 11/	
Name	Actual Value	Expected Value	Resul

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7	7 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.61728585	1.61728585 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.16198051	1.16198051 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.70886779	2.70886779 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.25865233	1.25865233 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91161692	1.91161692 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1	1 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.69007492	1.69007492 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	4.76790476	4.76790476 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.1677835	2.1677835 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242	56885.8242 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	299.61499	299.61499 ± 0.0009765625	•
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	800	800 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	35326.4414	35326.4414 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19832134	1.19832134 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70113182	2.70113182 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.12521768	2.12521768 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.1041311	1.1041311 ± 0.0003	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓	

- 101 0-10			
Test Step 3.7 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.64490235		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.16706789		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.16022956		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457		
CmMtrCurr_VecuSum_Volt_M_f32	310.744995		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k CurrOffNoofAvg Cnt u16	15		
k_MaxCurrOffMtrVel_RadpS_f32	3.40498996		
k MtrCurrEOLMaxOffset Volts f32	3		
k MtrCurrEOLMinOffset Volts f32	1.20024276		
k_MtrCurrOffLoComOff_Cnt_u16	850		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.53271556		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	3		
tgt CmMtrCurr Per3 Vecu Volt f32.value	9.09741783		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008		
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	68435.9531		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.96729159		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.37171364		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.71984124		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt	rCurr1 Volts f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMt		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOf		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_\	· -	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt CmMtrCurr Per3 VehSpo	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpd	- · -	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	7	7 ± 1	Result
Chilwin Curi_CuriChAvgCouriter_Chi_wi_u to	'	/ I	

CmMtrCurr_Per3



Name	Actual Value	Expected Value	Result
		Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	2	2	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.64490235	1.64490235 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.16706789	1.16706789 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056	1.78895056 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5	1.5 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.16022956	1.16022956 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457	33953.457 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	310.744995	310.744995 ± 0.0009765625	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	33953.457	33953.457 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.64490235	1.64490235 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.5	1.5 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.35509765	1.35509765 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.5	1.5 ± 0.0003	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~	
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	~	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~	

Test Step 3.8 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	8
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78107488
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.77936649
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.35713053
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57947969
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.20168996
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.40007114
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.39919996
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.50101531
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	24410.7969
CmMtrCurr_VecuSum_Volt_M_f32	321.875
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	20
k_MaxCurrOffMtrVel_RadpS_f32	13.78934
k_MtrCurrEOLMaxOffset_Volts_f32	2.81365776
k_MtrCurrEOLMinOffset_Volts_f32	1.01982665
k_MtrCurrOffLoComOff_Cnt_u16	900
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.77544999
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	13
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	26.1811924
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79716.3125
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33796501
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4327662
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	8	8 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	-
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.77936649	2.77936649 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	-
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.35713053	1.35713053 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57947969	1.57947969 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.20168996	2.20168996 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.40007114	2.40007114 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.39919996	2.39919996 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.50101531	1.50101531 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	24410.7969	24410.7969 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	321.875	321.875 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79716.3125	79716.3125 ± 0.004	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33796501	2.33796501 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4327662	2.4327662 ± 0.0003	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 3.9 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr CurrOffAvgCounter Cnt M u16	63
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78107488
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.77936649
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.35713053
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57947969
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.20168996
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.40007114
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.39919996
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.50101531
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	24410.7969
CmMtrCurr_VecuSum_Volt_M_f32	333.005005
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	64
k_MaxCurrOffMtrVel_RadpS_f32	13.78934
k_MtrCurrEOLMaxOffset_Volts_f32	2.81365776
k_MtrCurrEOLMinOffset_Volts_f32	1.01982665
k_MtrCurrOffLoComOff_Cnt_u16	950
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.77544999
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	13
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	26.1811924
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.92093008e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79716.3125
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3

CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32

 $CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32$

CmMtrCurr_MtrCurr2SumHi_Volt_M_f32

CmMtrCurr_MtrCurr2SumLo_Volt_M_f32

CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32

Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached

Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached





1

0.065242514 ± 0.0003

2.20168996 ± 0.0003

4.1755209 ± 0.0003

2.39919996 ± 0.0003

1 ± 0.0003

			(-4 - 10-10
Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33796501		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4327662		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cr	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	dpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_C	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0.046875	0.046875 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.77936649	2.77936649 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.35713053	1.35713053 ± 0.0003	✓

Actual Function	Count	Expected Function		Count	Result
Test Step Call Trace					✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32		2.4327662	2.4327662 ± 0.0003		~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32		2.33796501	2.33796501 ± 0.0003		~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32		3	3 ± 0.0003		~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32		3	3 ± 0.0003		•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32		79716.3125	79716.3125 ± 0.004		✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value		950	950 ± 1		~
CmMtrCurr_VecuSum_Volt_M_f32		359.186188	359.186188 ± 0.0009765625		~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32		17117.4668	17117.4668 ± 0.001		~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32		1.50101531	1.50101531 ± 0.0003		~

Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached

Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached

0.065242514

2.20168996

4.1755209

2.39919996

Test Step 3.10 (Repeat Count = 1)	<u> </u>
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.61728585
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.16198051
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.49484968
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.25865233
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91161692
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.69007492
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.76790476
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.1677835
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242
CmMtrCurr_VecuSum_Volt_M_f32	344.13501
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	64
k_MaxCurrOffMtrVel_RadpS_f32	0.119885504
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	1.68836021
k_MtrCurrOffLoComOff_Cnt_u16	1000
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.214018106
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Input Value tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value 0 tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 7.86561155 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value 1.22093002e-008 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value tqt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32 35326.4414 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32$ 1.19832134 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 2.70113182 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32$ 2.12521768 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 1.1041311 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32$ tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32$ tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc$ tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tot Rte Inst Sa CmMtrCurr.Pim ShCurrCal tot Pim ShCurrCal

tgt_Rte_inst_Sa_cmixitrcurr.Pim_Sncurrcai	tgt_Pim_Sncurrcai		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	0.0423260592	0.0423260592	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.16198051	1.16198051	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.70886779	2.70886779	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.25865233	1.25865233	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91161692	1.91161692	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	0.0744985119	0.0744985119	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1	1	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.69007492	1.69007492	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	4.76790476	4.76790476	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.1677835	2.1677835	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242	56885.8242	~
CmMtrCurr_VecuSum_Volt_M_f32	344.13501	344.13501	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	35326.4414	35326.4414 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19832134	1.19832134 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70113182	2.70113182 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.12521768	2.12521768 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.1041311	1.1041311 ± 0.0003	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	✓

Test Step 3.11 (Repeat Count = 1)	van de la companya d
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.46805692
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.46084809
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.86561072
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.85745907
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.35386825
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.47220445
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27914.8262
CmMtrCurr_VecuSum_Volt_M_f32	355.265015
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	64

CmMtrCurr_Per3

2016-07-24, 11:55:02+0530



Input Value k_MaxCurrOffMtrVel_RadpS_f32 15 k_MtrCurrEOLMaxOffset_Volts_f32 1.39142871 k MtrCurrEOLMinOffset_Volts_f32 2.28647137 k_MtrCurrOffLoComOff_Cnt_u16 1050 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value 1.09178734 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value 14 tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 6.35709572 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value 1.82093007e-008 $tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value$ tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 37732.9023 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32$ 2.63156509 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32$ 1.93776929 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 2.30192566 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32$ tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32$ tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 $tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32$ tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal tgt Pim ShCurrCal

igi_rtte_mst_oa_omittioun:rim_onounoar	tgt_r iiii_oilodiiodi		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	CURROFF_CALC	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.46805692	2.46805692	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	0.09375	0.09375	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.46084809	2.46084809	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.86561072	1.86561072	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	6	6	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.85745907	2.85745907	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0.0639341772	0.0639341772	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.35386825	2.35386825	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.47220445	2.47220445	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	4.09178734	4.09178734	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27914.8262	27914.8262	✓
CmMtrCurr_VecuSum_Volt_M_f32	355.265015	355.265015	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	37732.9023	37732.9023 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.63156509	2.63156509 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.93776929	1.93776929 ± 0.0003	✓
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.30192566	2.30192566 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 3.12 (Repeat Count = 1)		
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	0	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.5	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.64490235	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.16706789	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.16022956	





Curr_MtrCurr2SumZero_Volt_M_f32 Curr_MtrCurrValCmd_VoltCnt_M_f32 Curr_VecuSum_Volt_M_f32 t_Sa_CmMtrCurr t_OffNoofAvg_Cnt_u16	3 3 33953.457 366.394989 tgt_Rte_Inst_Sa_CmMtrCurr 40 3.40498996		
Curr_MtrCurrValCmd_VoltCnt_M_f32 3 Curr_VecuSum_Volt_M_f32 3 t_Sa_CmMtrCurr t OffNoofAvg_Cnt_u16 4	33953.457 366.394989 tgt_Rte_Inst_Sa_CmMtrCurr 40		
Curr_VecuSum_Volt_M_f32	366.394989 tgt_Rte_Inst_Sa_CmMtrCurr 40		
t_Sa_CmMtrCurr t OffNoofAvg_Cnt_u16	tgt_Rte_Inst_Sa_CmMtrCurr 40		
OffNoofAvg_Cnt_u16	40		
turrOffMtrVel_RadpS_f32	3.40498996		
un o voi_1 taapo_102			
urrEOLMaxOffset_Volts_f32	2		
urrEOLMinOffset_Volts_f32	1.20024276		
urrOffLoComOff_Cnt_u16	1100		
MtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.53271556		
MtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
MtrCurr_Per3_MtrVel_MtrRadpS_f32.value	3		
MtrCurr_Per3_Vecu_Volt_f32.value	9.09741783		
MtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008		
MtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	68435.9531		
_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.96729159		
_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.37171364		
_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.71984124		
_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 t	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	2	
_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 t	tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32		
_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 t	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 t	tgt CmMtrCurr Per3 MtrVel MtrRadpS f32		
_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 t	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 t	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc t	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
_Inst_Sa_CmMtrCurr.Pim_ShCurrCal t	tgt_Pim_ShCurrCal		
	Actual Value	Expected Value	Result
Curr_CurrOffAvgCounter_Cnt_M_u16	1	1 ± 1	~

ig_rtte_mot_ou_crimite curr.r im_onourrour	tgt_r iiii_onourrour		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1	1 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.5	1.5	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.64490235	1.64490235	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.16706789	1.16706789	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056	1.78895056	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5	1.5	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.16022956	1.16022956	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457	33953.457	✓
CmMtrCurr_VecuSum_Volt_M_f32	366.394989	366.394989	✓
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	68435.9531	68435.9531 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.96729159	1.96729159 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.37171364	2.37171364 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.71984124	2.71984124 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 3.13 (Repeat Count = 1)		
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	0	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.5	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.64490235	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	

2016-07-24, 11:55:02+0530



CmMtrCurr_Per3			razora	# C
Name	Input Value			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.16706789			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1			
CmMtrCurr MtrCurr2OffsetLo Volt M f32	1.5			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3			
CmMtrCurr MtrCurr2SumHi Volt M f32	1.16022956			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457			
CmMtrCurr_VecuSum_Volt_M_f32	377.524994			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	45			
k_MaxCurrOffMtrVel_RadpS_f32	3.40498996			
k_MtrCurrEOLMaxOffset_Volts_f32	2			
k MtrCurrEOLMinOffset Volts f32	1.20024276			
k_MtrCurrOffLoComOff_Cnt_u16	1150			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.53271556			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	3			
tgt CmMtrCurr Per3 Vecu Volt f32.value	9.09741783			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008			
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	68435.9531			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.96729159			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.37171364			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.71984124			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1	Volts f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3.			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_0			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	on_igo		
Name	Actual Value	Expected Value	-	Result
	2	2 ± 1		Vesuit
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16				~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE 0	CURROFF_INTIALISE 0		
CmMtrCurr_CurroffTrimFlag_Cnt_M_lgc	3	3		~
CmMtrCurr_CurroffProcessFlag_M_enum				
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.5	1.5		~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.64490235	1.64490235		Ž
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3		- 4
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3		•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.16706789	1.16706789		- 4
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056	1.78895056		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1	1 5		~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5	1.5		•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3		✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.16022956	1.16022956		~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3		✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3		~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457	33953.457		~

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	✓

377.524994

68435.9531

1.96729159

2.37171364

2.71984124

377.524994

3 ± 0.0003

68435.9531 ± 0.004

1.96729159 ± 0.0003

2.37171364 ± 0.0003

2.71984124 ± 0.0003

0 ± 1

Test Step 3.14 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC

CmMtrCurr_VecuSum_Volt_M_f32

 $tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value$

tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32

 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32$

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32

 $tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32$

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32

2016-07-24, 11:55:02+0530





Name	Input Value		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.34302044		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.61692572		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.6369369		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.38367915		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.69245267		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.64579737		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.93037891		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	20898.541		
CmMtrCurr_VecuSum_Volt_M_f32	388.654999		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	50		
k_MaxCurrOffMtrVel_RadpS_f32	11.6127138		
k_MtrCurrEOLMaxOffset_Volts_f32	1.60846543		
k_MtrCurrEOLMinOffset_Volts_f32	1.2000005		
k_MtrCurrOffLoComOff_Cnt_u16	1200		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.64029288		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.911126375		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	11		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	14.1631308		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	62447.9336		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.77314484		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.8215363		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.66199911		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.22172582	4 Valle (22	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ADCMtrCurr tgt_CmMtrCurr_Per3_ComOffset_u		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	-	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt_Pim_ShCurrCal	_Crit_igc	
		Function Value	Danul
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3	3 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 1.5	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32			
0M-0	1.5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	2	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2 2.34302044	2 2.34302044	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2 2.34302044 1.61692572	2 2.34302044 1.61692572	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2 2.34302044 1.61692572 2.6369369	2 2.34302044 1.61692572 2.6369369	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2 2.34302044 1.61692572 2.6369369 1.38367915	2 2.34302044 1.61692572 2.6369369 1.38367915	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2 2.34302044 1.61692572 2.6369369 1.38367915	2 2.34302044 1.61692572 2.6369369 1.38367915	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2 2.34302044 1.61692572 2.6369369 1.38367915 1	2 2.34302044 1.61692572 2.6369369 1.38367915 1	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0±1	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0 62447.9336	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0±1 62447.9336±0.004	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_Voltcns_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0 62447.9336 1.77314484	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0±1 62447.9336±0.004 1.77314484±0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0 62447.9336	2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0±1 62447.9336±0.004	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~



Test Step 3.15 (Repeat Count = 1)			•
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.48992085		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.68548179		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.59864044		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.64645708		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.580019		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.33354414		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	65784.1328		
CmMtrCurr_VecuSum_Volt_M_f32	399.785004		
Rte_Inst_Sa_CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	55		
k MaxCurrOffMtrVel RadpS f32	8.21017742		
k MtrCurrEOLMaxOffset Volts f32	2.68886065		
k MtrCurrEOLMinOffset Volts f32	1.79667687		
k_MtrCurrOffLoComOff_Cnt_u16	1250		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.4808383		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	8		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	25.8124847		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.52093005e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	48316.1758		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.95542264		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.64321661		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.54192924		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	1.000
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE	CURROFF HIAVERAGE	
CmMtrCurr CurrOffTrimFlag Cnt M Igc	1	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3	3	
CmMtrCurr MtrCurr1OffsetLo Volt M f32	3	3	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1	1	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0	0	•
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0	0	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.59864044	1.59864044	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.64645708	1.64645708	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1	1	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0	0	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	0	0	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3	•
	· ·	65784.1328	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	65784.1328		
	65784.1328 0	0	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32		0 4000 ± 1	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32	0		•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0 4000	4000 ± 1	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0 4000 48316.1758	4000 ± 1 48316.1758 ± 0.004	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	0 4000 48316.1758 2.95542264	4000 ± 1 48316.1758 ± 0.004 2.95542264 ± 0.0003	•

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CmMtrCurr_Per3

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

CmMtrCurrTempOffset_Scom_Get

2016-07-24, 12:00:49+0530



Project CmMtrCurr1

 Module
 CmMtrCurr_MTRCURRPHASEAB_ON

 Test Object
 CmMtrCurrTempOffset_Scom_Get

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\CmMtrCurr_FDD1C_010.0_NoUTP
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\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)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\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	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT) \StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470 4.9.5\include

Comments/Description/Spe	ecification
Name	Text
Module 'CmMtrCurr_MTRCURRPHASEAB_ON	Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Under Test:Sa_CmMtrCurr.d Code File(s) Version:2 Module Design Document:CmMtrCurr_MDD.docx Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:2 Unit Test Plan Version: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 1.32 Total FLASH Used (Bytes):3176 Total RAM Used (Bytes):30 Total CALS Used (Bytes):46 Special Test Requirements:NA Test Date:7/23/2016 Comments: "Note1: Inline functions defined in globalmacro.h are not unit tested. Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :- MtrCurr2SumHi_Volt_M_f32_ VecuSum_Volt_M_f32_ NtrCurrSumLo_Volt_M_f32_ MtrCurrSumLo_Volt_M_f32_ MtrCurr1SumZero_Volt_M_f32_MtrCurr2SumZero_Volt_M_f32_ cmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 . Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9

2016-07-24, 12:00:49+0530



Attributes	
Name	Value
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 4.4</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\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Range Test

CmMtrCurrTempOffset_Scom_Get

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

168:

160.00 Cycles
133.00 Cycles TS1.2 TS1.2 TS1.3 TS1.4 TS1.5 TS1.6 TS1.7 TS1.8 TS1.9 TS1.10 TS1.11 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16

Description

Vector Description:

TS1.1 All Min

TS1.3 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Min TS1.4 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Max TS1.4 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Max
TS1.5 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Pos
TS1.6 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Zero
TS1.7 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Neg
TS1.8 Rte_Pim_CurrTempOffset.CurrOffsetY_DegC_s10p5==>Neg
TS1.9 Rte_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11==>Min
TS1.9 Rte_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11==>Pos
TS1.11 Rte_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11==>Zero
TS1.12 Rte_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11==>Neg
TS1.13 Rte_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11==>Min
TS1.14 Rte_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11==>Max
TS1.15 Rte_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11==>Neg
TS1.16 Rte_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11==>Zero
TS1.17 Rte_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11==>Zero
TS1.17 Rte_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11==>Zero
TS1.17 Rte_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11==>Neg

Test Step 1.1 (Repeat Count = 1)	🗸
Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-1600
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-53

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2016-07-24, 12:00:49+0530



 ${\it CmMtrCurrTempOffset_Scom_Get}$

Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[9]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-53		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[0]	-1600	-1600	
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[1]	-1600	-1600	✓
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[2]	-1600	-1600	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-1600	-1600	•
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[4]	-1600	-1600	_
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	-1600	-1600	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	-1600	-1600	
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[7]	-1600	-1600	✓
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[8]	-1600	-1600	✓
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[9]	-1600	-1600	✓
tqt CurrTempOffCal.CurrTempOffsetX DegC s10p5[10]	-1600	-1600	
tqt CurrTempOffCal.CurrTempOffsetX DegC s10p5[11]	-1600	-1600	✓
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[12]	-1600	-1600	_
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	-1600	-1600	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	-1600	-1600	_
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[15]	-1600	-1600	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-53	-53	_
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-53	-53	
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[3]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	-53	-53	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-53	-53	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	-53	-53	✓
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[8]	-53	-53	_
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[9]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-53	-53	~
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[13]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-53	-53	•
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[0]	-53	-53	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-53	-53	_
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-53	-53	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-53	-53	→
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-53	-53	
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[5]	-53	-53	<u> </u>

Test Step 1.2 (Repeat Count = 1)		✓
Name	Input Value	
CurrTempOffCal	tgt_CurrTempOffCal	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	4800	

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tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]

 $tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]$

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]

 $tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]$

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]

 $tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]$

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]

2016-07-24, 12:00:49+0530



Name			
	Input Value		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	4800 4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	53 53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	53		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[7]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	53 53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	53		
	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]			
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name	Actual Value	Expected Value	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	Actual Value 4800	4800	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	Actual Value 4800 4800	4800 4800	~
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	Actual Value 4800 4800 4800	4800 4800 4800	7
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	Actual Value 4800 4800 4800 4800	4800 4800 4800 4800	~
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800	***
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	Actual Value 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800	0
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800	~
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	Actual Value 4800 4800 4800 4800 4800 4800 4800 480	4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	Actual Value 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	Actual Value 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	Actual Value 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	0
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	Actual Value 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	Actual Value 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	Actual Value 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	Actual Value 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
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2016-07-24, 12:00:49+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	53	53	✓

Name	Input Value
CurrTempOffCal	tgt CurrTempOffCal
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	-1600
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1600
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[2]	-1600
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[3]	-1600
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[4]	-1600
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[5]	-1600
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[6]	-1600
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	-1600
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	-1600
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[9]	-1600
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[10]	-1600
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[11]	-1600
gt Pim CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-1600
gt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[0]	-14
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-16
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-18
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2] gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-20
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-20 -23
	-25 -25
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-27
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-29
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-31
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-33
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-35
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-37
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-39
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-41
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-43
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-45
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25

2016-07-24, 12:00:49+0530



CmMtrCurrTempOffset_Scom_Get Input Value tqt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[12] 27 29 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] tqt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[14] 31 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 33 tgt_Pim_CurrTempOffset $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset$ **Expected Value Actual Value** Result tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] -1600 -1600 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] -1600 -1600 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] -1600 -1600 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] -1600 -1600 $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]$ -1600 -1600 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] -1600 -1600 $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]$ -1600 -1600 -1600 -1600 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[8] -1600 -1600 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] -1600 -1600 $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]$ -1600 -1600 $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]$ -1600 -1600 tqt CurrTempOffCal.CurrTempOffsetX DegC s10p5[12] -1600 -1600 $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]$ -1600 -1600 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] -1600 -1600 $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]$ -1600 -1600 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] -14 -14 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] -16 -16 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] -18 -18 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] -20 -20 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4] -23 -23 -25 -25 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] -27 -27 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7] -29 -29 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] -31 -31 -33 -33 tat CurrTempOffCal.CurrOffsetY1 Volts s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10] -35 -35 tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[11] -37 -37 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] -39 -39 **v** tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] -41 -41 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14] -43 -43 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15] -45 -45 2 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0] 2 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] 4 4 tot CurrTempOffCal.CurrOffsetY2 Volts s4p11[2] 6 6 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3] 8 8 tat CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4] 10 10 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5] 12 12 tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[6] 14 14 16 $tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]$ 16 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8] 18 18 $tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]$ 20 20 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10] 23 23 25 $tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]$ 25

Test Step 1.4 (Repeat Count = 1)	
Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	4800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	4800

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tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]

CmMtrCurrTempOffset_Scom_Get

2016-07-24, 12:00:49+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-47		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-49		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-51		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-53 2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	10		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	14		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[11]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	47		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	49		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	51		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53 -2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-2 -4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-6		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[13]	-8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-10		
	.0		
tat Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[15]	-12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	Expected Value	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name		Expected Value 4800	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset Actual Value	·	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	tgt_Pim_CurrTempOffset Actual Value 4800	4800	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	tgt_Pim_CurrTempOffset Actual Value 4800 4800	4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	tgt_Pim_CurrTempOffset Actual Value 4800 4800 4800	4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	tgt_Pim_CurrTempOffset Actual Value 4800 4800 4800 4800	4800 4800 4800 4800	0
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	tgt_Pim_CurrTempOffset Actual Value 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	tgt_Pim_CurrTempOffset Actual Value 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	tgt_Pim_CurrTempOffset Actual Value 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	tgt_Pim_CurrTempOffset Actual Value 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	tgt_Pim_CurrTempOffset Actual Value 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	tgt_Pim_CurrTempOffset Actual Value 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	tgt_Pim_CurrTempOffset Actual Value 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	tgt_Pim_CurrTempOffset Actual Value 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	tgt_Pim_CurrTempOffset Actual Value 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	tgt_Pim_CurrTempOffset Actual Value 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
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tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	tgt_Pim_CurrTempOffset Actual Value 4800 4801 4800 4801	4800 490 400 400 400 400 400 400 4	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	tgt_Pim_CurrTempOffset Actual Value 4800 410 420 4300 4400 4400 4400 4500 47 49 -51 -53 2 4 6 8 10 12 14	4800 470 49 511 512 53 54 66 88 10 10 11 12 14	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[7] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[8] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[10]	tgt_Pim_CurrTempOffset Actual Value 4800 410 420 4300 4400	4800 400 4	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[7] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[8] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11]	tgt_Pim_CurrTempOffset Actual Value 4800 410 420 4300 4400 4400 4400 4400 4400 4400 440 451 451	4800 400 4	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13]	tgt_Pim_CurrTempOffset Actual Value 4800 4100 420 4300 4400 4400 4400 4400 4400 4400 4400 4400 4400 4400 4400 4400 4400 4400 4400 4400 4400 4400 440 451 451	4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[16]	tgt_Pim_CurrTempOffset Actual Value 4800 120 110 112 114 116 118 20 23 25 35	4800 4800 4800 4800 4800 4800 4800 4800	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13]	tgt_Pim_CurrTempOffset Actual Value 4800	4800 4800 4800 4800 4800 4800 4800 4800	

2016-07-24, 12:00:49+0530



 $CmMtrCurrTempOffset_Scom_Get$

Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	41	41	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	43	43	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	45	45	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	47	47	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	49	49	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51	51	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2	-2	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4	-4	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-6	-6	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-8	-8	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-10	-10	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-12	-12	~

Test Step 1.5 (Repeat Count = 1)			✓
Name	Input Value		
CurrTempOffCal	tgt_CurrTempOffCal		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	800		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[4]	960		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[5]	1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1440		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	1600		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2080		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2400		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	2560		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	2720		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3040		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	3360		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	3680		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4160		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	37		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	41		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	43		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	45		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	47		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	49		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	51		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-45		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	320	320	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	480	480	~
hat 0Tanan 0#0-1 0Tanan 0#1-14/ Dana 0.40-1501	0.40	0.40	

640

640

2016-07-24, 12:00:49+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	800	800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	960	960	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1280	1280	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1440	1440	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	1600	1600	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2080	2080	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2400	2400	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	2560	2560	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	2720	2720	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3040	3040	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	3360	3360	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	3680	3680	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4160	4160	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	35	35	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	37	37	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	39	39	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	41	41	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	43	43	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	45	45	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	47	47	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	49	49	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	51	51	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-2	-2	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-4	-4	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-6	-6	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-8	-8	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-10	-10	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-12	-12	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-14	-14	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-16	-16	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-18	-18	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-20	-20	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-23	-23	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-25	-25	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-27	-27	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-29	-29	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-31	-31	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-33	-33	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-35	-35	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-37	-37	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-39	-39	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-41	-41	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-43	-43	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-45	-45	~

Test Step 1.6 (Repeat Count = 1)	✓
Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	0
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10

CmMtrCurrTempOffset_Scom_Get

2016-07-24, 12:00:49+0530



Input Value $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]$ 12 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6] 16 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8] 18 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9] 20 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10] 23 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11] 25 $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]$ 27 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13] 29 $tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]$ 31 tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15] 33 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]$ -47 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1] -49 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2] -51 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3] -53 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4] 2 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]$ 4 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6] 6 $tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]$ 8 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8] 10 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] 12 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] 14 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] 16 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12] 18 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] 20 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] 23 tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[15]

tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	25		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	0	0	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	0	0	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	0	0	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	0	0	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	0	0	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	0	0	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	0	0	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	0	0	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	0	0	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	0	0	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	0	0	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	0	0	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	0	0	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	0	0	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	0	0	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	2	2	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	4	4	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	6	6	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	8	8	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	10	10	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	12	12	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	14	14	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	16	16	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	18	18	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	20	20	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	23	23	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	25	25	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	27	27	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	29	29	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	31	31	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	33	33	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-47	-47	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-49	-49	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-51	-51	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	2	2	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	4	4	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	6	6	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	8	8	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	10	10	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	12	12	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	14	14	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	16	16	~

2016-07-24, 12:00:49+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	18	18	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	20	20	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	23	23	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	25	25	•

Test Step 1.7 (Repeat Count = 1)			✓
Name	Input Value		
CurrTempOffCal	tgt_CurrTempOffCal		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1536		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1440		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1376		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1216		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1120		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1056		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-960		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-896		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-704		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-384		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-160		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	37		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	41		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	43		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	45		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	47		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	49		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	51		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[7]	16		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[0]	-1536	-1536	rtoduk
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[1]	-1440	-1440	
tgt CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-1376	-1376	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-1280	-1280	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-1216	-1216	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-1120	-1120	
	-1056	-1056	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[6]			Ž
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	-960 806	-960 806	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	-896 -800	-896	~
		-800	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	-704 -640	-704 -640	-

CmMtrCurrTempOffset_Scom_Get

2016-07-24, 12:00:49+0530



Actual Value Expected Value tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] -480 -480 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] -384 -384 tgt CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] -320 -320 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] -160 -160 tgt CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] 35 35 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] 37 37 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] 39 39 $tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]$ 41 41 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4] 43 43 $tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]$ 45 45 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] 47 47 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7] 49 49 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] 51 51 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] 53 53 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10] -2 -2 -4 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11] -4 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] -6 -6 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] -8 -8 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14] -10 -10 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15] -12 -12 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0] 2 2 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] 4 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2] 6 6 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3] 8 8 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4] 10 10 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5] 12 12 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6] 14 14 $tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]$ 16 16 tat CurrTempOffCal.CurrOffsetY2 Volts s4p11[8] 18 18 $tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]$ 20 20 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10] 23 23 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11] 25 25 tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[12] 27 27 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13] 29 29 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14] 31 31 $tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]$ 33 33

Test Step 1.8 (Repeat Count = 1)	
Name	Input Value
CurrTempOffCal	tgt CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1440
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1280
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1120
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-960
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-640
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-480
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-160
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	320
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	640
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	960
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1280
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1920
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2240
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2560
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-53

2016-07-24, 12:00:49+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	47		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	49		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	51		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-12		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-1440	-1440	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-1280	-1280	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-1120	-1120	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-960	-960	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-800	-800	~
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[5]	-640	-640	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	-480	-480	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	-160	-160	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	0	0	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	320	320	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	640	640	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	960	960	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	1280	1280	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	1920	1920	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	2240	2240	~
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[15]	2560	2560	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-53	-53	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	-53	-53	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	-53	-53	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-53	-53	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-53	-53	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-53	-53	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	35	35	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	37	37	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	39	39	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	41	41	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	43	43	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	45	45	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	47	47	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	49	49	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51	51	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2	-2	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4	-4	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-6	-6	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-8	-8	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-10	-10	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-12	-12	~



Test Step 1.9 (Repeat Count = 1)			¥
Name	Input Value		
CurrTempOffCal	tgt_CurrTempOffCal		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1120		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-896		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-672		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-448		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-224		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	224		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] tqt_Pim_CurrTempOffset.CurrTempOffsetX_DeqC_s10p5[7]	448 672		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC_s10p5[7]	896		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[9]	1120		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[10]	1344		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[11]	1568		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[12]	1792		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[13]	2016		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2240		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2464		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	53		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[1]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-29 -31		
	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-45		
tgt Rte Inst Sa CmMtrCurr.Pim CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-1120	-1120	result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-896	-896	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[2]	-672	-672	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[3]	-448	-448	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-224	-224	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[4]	224	224	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[6]	448	448	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[0]	672	672	
tgt CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	896	896	
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[9]	1120	1120	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[10]	1344	1344	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[11]	1568	1568	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[12]	1792	1792	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	2016	2016	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	2240	2240	
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[15]	2464	2464	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	53	53	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	53	53	→

CmMtrCurrTempOffset_Scom_Get

2016-07-24, 12:00:49+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	53	53	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	53	53	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-14	-14	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-16	-16	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-18	-18	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-20	-20	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-23	-23	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-25	-25	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-27	-27	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-29	-29	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-31	-31	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-33	-33	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-35	-35	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-37	-37	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-39	-39	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-41	-41	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-43	-43	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-45	-45	~

Test Step 1.10 (Repeat Count = 1)	✓
Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	288
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	384
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	608
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	704
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	928
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1024
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1248
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	1344
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	1568
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1664
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1888
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1984
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	2208
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	2304
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2528
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2624
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	12
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	16
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-47
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-49
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-51
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	2

CmMtrCurrTempOffset_Scom_Get

2016-07-24, 12:00:49+0530



Input Value tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5] 4 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7] 8 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8] 10 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] 12 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] 14 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] 16 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12] 18 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] 20 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] 23 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 25

tgt_Pim_Curr1empOffset.CurrOffsetY2_voits_s4p11[15]	25		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	288	288	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	384	384	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	608	608	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	704	704	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	928	928	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1024	1024	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1248	1248	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	1344	1344	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	1568	1568	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	1664	1664	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	1888	1888	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	1984	1984	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	2208	2208	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	2304	2304	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	2528	2528	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	2624	2624	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	2	2	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	4	4	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	6	6	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	8	8	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	10	10	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	12	12	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	14	14	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	16	16	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	18	18	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	20	20	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	23	23	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	25	25	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	27	27	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	29	29	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	31	31	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	33	33	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-47	-47	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-49	-49	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-51	-51	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	2	2	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	4	4	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	6	6	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	8	8	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	10	10	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	12	12	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	14	14	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	16	16	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	18	18	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	20	20	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	23	23	~

Test Step 1.11 (Repeat Count = 1)		✓
Name	Input Value	
CurrTempOffCal	tgt_CurrTempOffCal	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	96	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	192	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	288	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	416	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	512	

2016-07-24, 12:00:49+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	608		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	736		
	832		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] tqt Pim CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	928		
0			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1056		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1152		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1248 1376		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1472		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	1568		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	1760		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	47		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	49		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	51		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]			
Igi_ III_Outromponact.outromact12_voita_a4p11[10]	-12		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	-12 tgt_Pim_CurrTempOffset		
		Expected Value	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	Expected Value	Result 🗸
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name	tgt_Pim_CurrTempOffset Actual Value	The second secon	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	tgt_Pim_CurrTempOffset Actual Value 96	96	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	tgt_Pim_CurrTempOffset Actual Value 96 192	96 192	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	tgt_Pim_CurrTempOffset Actual Value 96 192 288	96 192 288	Result
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416	96 192 288 416	· ·
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512	96 192 288 416 512	•
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608	96 192 288 416 512 608	• • • • • • • • • • • • • • • • • • •
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736	96 192 288 416 512 608 736	• • • • • • • • • • • • • • • • • • •
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832	96 192 288 416 512 608 736 832	, , , , , , , , , , , , , , , , , , ,
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928	96 192 288 416 512 608 736 832 928	, , , , , , , , , , , , , , , , , , ,
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056	96 192 288 416 512 608 736 832 928	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152	96 192 288 416 512 608 736 832 928 1056	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248	96 192 288 416 512 608 736 832 928 1056 1152	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0 0	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0 0 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset Name tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrTempOffsetY_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	tgt_Pim_CurrTempOffset Actual Value 96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0 0 0	96 192 288 416 512 608 736 832 928 1056 1152 1248 1376 1472 1568 1760 0 0 0 0 0 0 0 0 0	

CmMtrCurrTempOffset_Scom_Get

2016-07-24, 12:00:49+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	35	35	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	37	37	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	39	39	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	41	41	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	43	43	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	45	45	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	47	47	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	49	49	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51	51	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53	53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2	-2	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4	-4	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-6	-6	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-8	-8	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-10	-10	✓
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[15]	-12	-12	✓

Test Step 1.12 (Repeat Count = 1)	
Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-928
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-608
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	0
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[3]	736
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[4]	1056
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[5]	1408
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[6]	1568
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	2016
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	2368
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[9]	2688
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	2848
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[11]	3200
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[12]	3936
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[13]	4544
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4640
gt Pim CurrTempOffset.CurrTempOffsetX_DegC s10p5[15]	4768
gt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[0]	-14
gt_Fim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-16
gt_Fim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-18
gt_Pini_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-20
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-23
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4] gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-25 -25
gt_Pim_currTempOffset.CurrOffsetY1_Volts_s4p11[6]	-27
gt_Pini_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] gt_Pini_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-27
	-31
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	· ·
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-33 -35
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-37
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-39
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-41
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-43
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-45
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-18
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-27
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-29
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-31
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-33
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-35
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-37
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-39
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-41

2016-07-24, 12:00:49+0530



CmMtrCurrTempOffset_Scom_Get Input Value tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] -43 -45 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt Pim CurrTempOffset $tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset$ **Actual Value Expected Value** Result $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]$ -928 tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[1] -608 -608 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] 0 0 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] 736 736 $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]$ 1056 1056 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] 1408 1408 $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]$ 1568 1568 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] 2016 2016 $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]$ 2368 2368 2688 2688 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[10] 2848 2848 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] 3200 3200 $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]$ 3936 3936 $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]$ 4544 4544 tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] 4640 4640 $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]$ 4768 4768 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] -14 -14 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] -16 -16 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] -18 -18 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] -20 -20 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4] -23 -23 -25 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5] -25 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] -27 -27 -29 -29 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] -31 -31 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] -33 -33 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10] -35 -35 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11] -37 -37 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] -39 -39 tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[13] -41 -41 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14] -43 -43 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15] -45 -45 tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[0] -14 -14 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] -16 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2] -18 -18 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3] -20 -20 tot CurrTempOffCal.CurrOffsetY2 Volts s4p11[4] -23 -23 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5] -25 -25 tgt CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6] -27 -27 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7] -29 -29 -31 tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[8] -31 $tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]$ -33 -33 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10] -35 -35 -37 $tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]$ -37 tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12] -39 -39

Test Step 1.13 (Repeat Count = 1)		
Name	Input Value	
CurrTempOffCal	tgt_CurrTempOffCal	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	0	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	320	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	640	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	960	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1280	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1920	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2240	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2560	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2880	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3200	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3520	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3840	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4160	

-41

-43

-45

-41

-43

-45

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]

CmMtrCurrTempOffset_Scom_Get

2016-07-24, 12:00:49+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-47		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] tqt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-49		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-51 -53		
tgt_rim_CurrTempOffset.CurrOffsetY1 Volts_s4p11[4]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-53 -53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-53 -53		
tgt_Filli_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[9]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[11]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-53		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
Name	riotaui vaiao		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	0	0	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	0 320	0 320	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	0 320 640	0 320 640	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	0 320 640 960	0 320 640 960	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	0 320 640 960 1600	0 320 640 960 1600	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	0 320 640 960 1600 1280	0 320 640 960 1600 1280	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	0 320 640 960 1600 1280	0 320 640 960 1600 1280 1920	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	0 320 640 960 1600 1280 1920 2240	0 320 640 960 1600 1280 1920 2240	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	0 320 640 960 1600 1280 1920 2240 2560	0 320 640 960 1600 1280 1920 2240 2560	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	0 320 640 960 1600 1280 1920 2240 2560 2880	0 320 640 960 1600 1280 1920 2240 2560 2880	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	0 320 640 960 1600 1280 1920 2240 2560 2880 3200	0 320 640 960 1600 1280 1920 2240 2560 2880 3200	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	0 320 640 960 1600 1280 1920 2240 2560 2880 3200	0 320 640 960 1600 1280 1920 2240 2560 2880 3200	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520 3840	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520 3840	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520 3840 4160	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520 3840 4160	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[14]	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520 3840 4160 4480	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520 3840 4160 4480	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[15]	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520 3840 4160 4480	
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tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520 3840 4160 4480 4480 4480 47 -49 -51 -53 2 4 6 8 10 12 14 16 18 20 23 25 -53	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520 3840 4160 4480 4480 4480 440 -47 -49 -51 -53 2 4 6 8 10 12 14 16 18 20 23 25 -53	
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tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520 3840 4160 4480 4480 4480 47 -49 -51 -53 2 4 6 8 10 12 14 16 18 20 23 25 -53	0 320 640 960 1600 1280 1920 2240 2560 2880 3200 3520 3840 4160 4480 4480 4480 440 -47 -49 -51 -53 2 4 6 8 10 12 14 16 18 20 23 25 -53	

2016-07-24, 12:00:49+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-53	-53	✓

Test Step 1.14 (Repeat Count = 1)			~
Name In	put Value		
CurrTempOffCal tgt	t CurrTempOffCal		
Rte_Inst_Sa_CmMtrCurr tgt	t Rte Inst Sa CmMtrCurr		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0] 22-	24		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1] 54-	14		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2] 86	64		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[3] 11	184		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[4] 15	504		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5] 18	324		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] 21-	144		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] 24	464		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] 276	784		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9] 31	104		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] 34	124		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11] 374	744		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] 40	064		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] 43	384		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14] 444	480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] 47	704		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2] 6			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3] 8			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4] 10)		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5] 12	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6] 14	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7] 16	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8] 18	3		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9] 20)		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10] 23	3		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11] 25	5		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12] 27	7		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13] 29	9		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14] 31	1		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15] 33	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14] 53	3		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 53	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset tgt_	t_Pim_CurrTempOffset		
Name Ac	ctual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] 22-	24	224	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] 54	14	544	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] 86-	64	864	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] 11	184	1184	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	504	1504	•

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2016-07-24, 12:00:49+0530



Actual Value Expected Value $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]$ tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]$ $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]$ $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]$ $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]$ tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]$ tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] $tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]$ tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1] tat CurrTempOffCal.CurrOffsetY1 Volts s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4] $tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]$ tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2] tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[3] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4] tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[5] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7] tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[8] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11] tat CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13] tgt CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]

Test Step 1.15 (Repeat Count = 1)	→
Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	32
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	352
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	672
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	992
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1312
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1632
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1952
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2272
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2592
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2912
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3232
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3552
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3872
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4192
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4512
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4768
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	37
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	41
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	43
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	45
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	47

tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]

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Wig.Pie. Distriction Control Contr	Name	Input Value		
Sp. Pin. Carfrespolites Curoliferty Visit 1869 197	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	· ·		
Spring Continenation Continent's years selection	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	51		
SQLPINC_CONTROPOLOG CONTRONCT_VANS_SASTISTUD 4	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53		
Sp. Part Contract Contrac	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]			
Big.Pmg.CarteringOffice CourtOffice Y, May, p49(1)4) -10				
Big Ping. Carinarpolitics Currolland, Septiment				
Sp. Pin. Curt TempOfice Currichers V. John S. & State 11 2 2 2 2 2 2 2 2 2				
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March Dut Perpo Distace Curr of Service	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
Special Countemportes Controllers (2) vols selecting 18	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
Mart				
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March Confront Office Committee				
Spl. Pm. CurriferepOffised Curriferery 2, Vols. sel-11131 Spl. Pm. CurriferepOffised Curriferery 2, Vols. sel-11151 Spl. Pm. CurriferepOffised Curriferery 2, Vols. sel-11151 Spl. Pm. CurriferepOffised Curriferery 2, Vols. sel-11151 Spl. Pm. CurriferepOffised Curriferery 0, Vols. sel-11151 Spl. Pm. CurriferepOffised Curriferery 0, Vols. sel-11151 Spl. Curriferery 0, Vols. Spl. Vols. Spl. Vols. Spl. Vols. Spl. Vols.				
Total Tota				
Maine Actual Value Expected Value Result	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
Name	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
E. Curri-respondical Curri-respondites/C. DegC. ±10p5(1) 352	tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
SECURITY	Name	Actual Value	Expected Value	Result
International Curif EmpoResix Degic, 2:109(2) 972				
Sp. CurrTempOffCal CurrTempOffSetX, Deg.C, s10pS[4] 1312 13				
tyt_CurrTempOffCal CurrTempOffSetX_DepC_s10p8[4] 1312 1312 tyt_CurrTempOffCal CurrTempOffSetX_DepC_s10p8[5] 1632 4312 1312 tyt_CurrTempOffCal CurrTempOffSetX_DepC_s10p8[6] 1632 4322 4323 4412 4412 4412 4412 4412 4412 4412 4412 4412 4412 4412 4412 4412 4412 4412 4412 4412 4412 4412 4414 4412 4412 4412 4412 4412 <td< td=""><td></td><td></td><td></td><td></td></td<>				
St. Curr FernpOffical Curr fernpOffiestX_DegC_s10ps[5] 1692				
Institute Inst				
Igl_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5f3 2272 2272 2272 1gl_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5f3 2252 2592				
Igl_CurTempOffCal CurTempOffsetX_DegC_s10p5[9] 2592				
tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10pS[10] 3232 3232 3232				
Igl_CurrTempOffCal.CurrTempOffSext, DegC_s10p5[11] 3552 3572 387	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2912	2912	~
tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] 3872 4192 4192 4192 1192 1192 1192 1192 119	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3232	3232	~
tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10pS[13]	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3552	3552	•
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tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] 35 35 35 35 35 35 35 3				
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0] 35 35 35 37 37 37 37 37 37 37 37 37 37 37 37 37				
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Name	Actual Value	Expected Value	Resu
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	31	31	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	33	33	

Section Sect	Test Step 1.16 (Repeat Count = 1) Name	Input Value		
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100 Print Curt Frenchiste Curt Frenchiste Expg. stripS(2)				
Sign Pinn CurrismpOffices Cu	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-928		
140 140	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	480		
State Principal Count Free Offices Count Free Offices Count Services 1920	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	960		
Table Proceedings 1940	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1440		
State Part CarrierropOffest CurrierropOffest Deck StopSPT 1940 19	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1920		
100, Purp Court Franchist Court Franchist No. 1905, 3 (1908)	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2240		
Supplement Sup	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2400		
Style Description Court Composition Court Composition Sept. Style Description Court Composition Court Composition Sept.	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2496		
State Prince Court State Prince State St	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3552		
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tgt_CurrTempOffSelX_DegC_s10p5[6] 2240 2240 tgt_CurrTempOffSelX_DegC_s10p5[7] 2400 2400 tgt_CurrTempOffSelX_DegC_s10p5[8] 2496 2496 tgt_CurrTempOffSelX_DegC_s10p5[9] 3552 3552 tgt_CurrTempOffSelX_DegC_s10p5[10] 3648 3648 tgt_CurrTempOffSelX_DegC_s10p5[11] 3936 3936				
tgt_CurrTempOffSel.CurrTempOffSetX_DegC_s10p5[7] 2400 2400 tgt_CurrTempOffSel.CurrTempOffSelX_DegC_s10p5[8] 2496 2496 tgt_CurrTempOffSelX_DegC_s10p5[9] 3552 3552 tgt_CurrTempOffSelX_DegC_s10p5[10] 3648 3648 tgt_CurrTempOffSelX_DegC_s10p5[11] 3936 3936				
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[8] 2496 2496 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[9] 3552 3552 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[10] 3648 3648 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[11] 3936 3936				
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[9] 3552 3552 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[10] 3648 3648 tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[11] 3936 3936				
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] 3648 3648 tgt_CurrTempOffSetX_DegC_s10p5[11] 3936 3936				
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] 3936 3936				
tat CurrTempOffCal,CurrTempOffsetX DeaC s10p5[12] 4256 4256				
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] 4544 4544	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]			

CmMtrCurrTempOffset_Scom_Get

2016-07-24, 12:00:49+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4576	4576	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4736	4736	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-14	-14	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-16	-16	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-18	-18	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-20	-20	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	-23	-23	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	-25	-25	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-27	-27	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	-29	-29	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	-31	-31	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	-33	-33	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-35	-35	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-37	-37	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-39	-39	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-41	-41	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	-43	-43	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	-45	-45	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	0	0	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	0	0	~

Test Step 1.17 (Repeat Count = 1)	√
Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	192
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	512
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	832
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1152
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1472
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1792
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2112
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2432
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2752
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3072
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3392
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3712
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4032
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4352
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4672
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-47
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-49
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-51
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	4
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	8
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	10
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	12
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	14
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	16
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25

2016-07-24, 12:00:49+0530



Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-43 -45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
		Fynastad Value	Danulé
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	192	192	-
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]		512	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	512 832	832	-
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1152	1152	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1472	1472	-
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1792	1792	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2112	2112	-
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[8]	2432	2432	-
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2752	2752	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3072	3072	_
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3392	3392	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3712	3712	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4032	4032	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4352	4352	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4672	4672	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-47	-47	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-49	-49	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-51	-51	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-53	-53	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	2	2	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	4	4	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	6	6	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	8	8	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	10	10	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	12	12	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	14	14	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	16	16	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	18	18	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	20	20	¥
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	23	23 25	-
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	25 -14	-14	
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[1]	-16	-16	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-18	-18	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-20	-20	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-23	-23	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-25	-25	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-27	-27	-
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-29	-29	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-31	-31	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-33	-33	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-35	-35	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-37	-37	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-39	-39	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-41	-41	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-43	-43	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-45	-45	~

CmMtrCurr_SCom_ReadMtrCurrCals

2016-07-24, 11:59:10+0530



Project CmMtrCurr1

 Module
 CmMtrCurr_MTRCURRPHASEAB_ON

 Test Object
 CmMtrCurr_SCom_ReadMtrCurrCals

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\CmMtrCurr_FDD1C_010.0_NoUTP
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\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)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\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	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -l\$(PROJECTROOT)\CmMtrCurr\utp\contract -l\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -l\$(PROJECTROOT)\CmMtrCurr\include -l\$(PROJECTROOT)\NxtrLib\include -l\$(PROJECTROOT) \StdDef\include -l\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470 4.9.5\include

cification
Text
Unit Test Information** Name of Tester:Chandrakanth Sheegi Code File(s) Version:2 Module Design Document:CmMtrCurr_MDD.docx Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:0 Unit Test Pla
T * NOONNELCONNETTESTO" N NNN N

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9

2016-07-24, 11:59:10+0530





Attributes					
Name	Value				
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>				
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 4.4</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\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP				

CmMtrCurr_SCom_ReadMtrCurrCals



Test Case 1: Range Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

13.00 Cycles
13.00 Cycles TS1.2 TS1.3 TS1.4 TS1.5 TS1.6 TS1.7 TS1.10 TS1.11 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 TS1.19 TS1.20 TS1.21 TS1.22 13.00 Cycles TS1.23

Description

VECTOR DESCRIPTION:

TS1.1 All Min

TS1.2 All Max Rtto Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Min Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Max TS1.3 TS1.5 Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Pos
TS1.6 Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32==>Min
TS1.7 Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32==>Max TS1.7 Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32==>Max
TS1.8 Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32==>Pos
TS1.9 Rte_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32==>Min
TS1.10 Rte_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32==>Max
TS1.11 Rte_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32==>Pos
TS1.12 Rte_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32==>Min
TS1.13 Rte_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32==>Max
TS1.14 Rte_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32==>Pos
TS1.15 Rte_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32==>Pos TS1.15 Rte Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32==>Min TS1.16 Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32==>Max IS1.16 Rte Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32==>Max
TS1.17 Rte Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32==>Pos
TS1.18 Rte Pim_ShCurCal.EOLMtrCurr1OffsetDiff_Volts_f32==>Min
TS1.19 Rte Pim_ShCurCal.EOLMtrCurr1OffsetDiff_Volts_f32==>Max
TS1.20 Rte Pim_ShCurCal.EOLMtrCurr1OffsetDiff_Volts_f32==>Pos
TS1.21 Rte Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Max
TS1.22 Rte Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Max
TS1.23 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.23 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.23 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.23 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.24 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.25 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.26 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.27 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.28 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.29 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.29 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.29 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.29 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.29 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.20 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.20 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.20 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.20 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos
TS1.20 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos

TS1.20 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos

TS1.20 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos

TS1.20 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos

TS1.20 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos

TS1.20 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos

TS1.20 Rte_Pim_ShCurCal.EOLMtrCurr2OffsetDiff_Volts_f32==>

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	Ī	1 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	20	20 ± 0.002	✓
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	20	20 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1	1 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

CmMtrCurr_SCom_ReadMtrCurrCals

 $tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32$



Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	-
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	125	125 ± 0.002	•
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	125	125 ± 0.002	•
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	-
	2	3 + 0 0003	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

3 ± 0.0003

3

Test Step 1.3 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.331587493		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	103.1557935		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.0438949		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.935399234		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.974394143		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.33158755	2.331587493 ± 0.0003	~
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	103.155792	103.1557935 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	122.043892	122.0438949 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.93539929	2.935399234 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.9743942	1.974394143 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.818840504		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	25.32785773		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	118.9035439		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	•
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.8188405	1.818840504 ± 0.0003	•
tgt ShCurrCalPtr.EOLPhscurr1Gain AmpspVolt f32	25.327858	25.32785773 ± 0.002	•

2016-07-24, 11:59:10+0530



CmMtrCurr	SCom	ReadMtrCurrCals

Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	118.903542	118.9035439 ± 0.002	~
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	~

Test Step Call Trace					V
	Actual Function	Count	Expected Function	Count	Result
	none	0	*** No Call Expected ***	0	•

Test Step 1.5 (Repeat Count = 1)					
Name	Input Value				
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
ShCurrCalPtr	tgt_ShCurrCalPtr	tgt_ShCurrCalPtr			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	4724.5				
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3				
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.90968764				
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3				
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.935735285				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.737128913				
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal				
Name	Actual Value	Expected Value	Result		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	4724.5	4724.5 ± 0.004	~		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	74.9096909	74.90968764 ± 0.002	✓		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	125	125 ± 0.002	✓		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	•		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.93573523	1.935735285 ± 0.0003	~		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.73712897	2.737128913 ± 0.0003	✓		

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.6 (Repeat Count = 1)			×	
Name	Input Value			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
ShCurrCalPtr	tgt_ShCurrCalPtr			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	23165.28666			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	100.2451305			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	108.9961307			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.667596102			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.72209537			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.579755306			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	23165.2871	23165.28666 ± 0.004	~	
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1	1 ± 0.0003	•	
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	100.245132	100.2451305 ± 0.002	~	
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	108.996132	108.9961307 ± 0.002	~	
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.6675961	1.667596102 ± 0.0003	~	
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.72209537	1.72209537 ± 0.0003	~	
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	2.57975531	2.579755306 ± 0.0003	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.7 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
ShCurrCalPtr	tgt_ShCurrCalPtr

TEST DETAILS REPORT CmMtrCurr_SCom_ReadMtrCurrCals

tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32

2016-07-24, 11:59:10+0530



1.40227896 ± 0.0003

Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	24156.14282		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.871004		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	63.38826716		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.068199933		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.40227896		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	24156.1426	24156.14282 ± 0.004	✓
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	104.871002	104.871004 ± 0.002	✓
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	63.3882675	63.38826716 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.06819987	2.068199933 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

1.40227902

Test Step 1.8 (Repeat Count = 1)					
Name	Input Value				
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
ShCurrCalPtr	tgt_ShCurrCalPtr				
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	61979.98273				
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.5				
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.4717772				
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	105.3591967				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.659906507				
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.388925314				
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3				
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal				
Name	Actual Value	Expected Value	Result		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	61979.9844	61979.98273 ± 0.004	•		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.5	2.5 ± 0.0003	✓		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	54.4717789	54.4717772 ± 0.002	•		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	105.3592	105.3591967 ± 0.002	✓		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.65990663	2.659906507 ± 0.0003	✓		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.38892531	1.388925314 ± 0.0003	✓		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓		

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.9 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	1121.425341		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.769886792		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	124.8793916		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.066732585		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.709388077		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.093463361		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	1121.42529	1121.425341 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.76988685	1.769886792 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	20	20 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	124.879395	124.8793916 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.06673265	2.066732585 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.70938802	2.709388077 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.0934633	1.093463361 ± 0.0003	✓



Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Resul	1	
none	0	*** No Call Expected ***	0	•	ř	

Test Step 1.10 (Repeat Count = 1)			V
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	60858.64799		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.269689679		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	47.39485669		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.612916946		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.820814729		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	60858.6484	60858.64799 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.26968968	1.269689679 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	125	125 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	47.3948555	47.39485669 ± 0.002	•
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.61291695	1.612916946 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.82081485	2.820814729 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 1.11 (Repeat Count = 1)			Ť
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	65160.01611		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.092851818		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53.5		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	38.49531186		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.73687607		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.83058995		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	65160.0156	65160.01611 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.09285188	1.092851818 ± 0.0003	~
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	53.5	53.5 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	38.4953117	38.49531186 ± 0.002	~
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.73687601	2.73687607 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.83059001	2.83058995 ± 0.0003	•
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
none	0	*** No Call Expected ***	0	~		

Test Step 1.12 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
ShCurrCalPtr	tgt_ShCurrCalPtr	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56723.74104	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.968153	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.9437072	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.889962077	

CmMtrCurr_SCom_ReadMtrCurrCals

2016-07-24, 11:59:10+0530



Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.732440114		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	56723.7422	56723.74104 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.968153	1.968153 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	115.94371	115.9437072 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	20	20 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.88996196	2.889962077 ± 0.0003	•
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.73244011	1.732440114 ± 0.0003	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3628.265911		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.832647		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.41831392		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	3628.26587	3628.265911 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	112.832649	112.832647 ± 0.002	✓
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	125	125 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.41831386	1.41831392 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 1.14 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	33123.02985		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.891774058		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.16472912		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	47.5		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.182928801		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2926687		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.400485039		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	33123.0313	33123.02985 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.89177406	1.891774058 ± 0.0003	·
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.16472912 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	47.5	47.5 ± 0.002	~
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.1829288	1.182928801 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.2926687	1.2926687 ± 0.0003	~
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	2.40048504	2.400485039 ± 0.0003	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	



Test Step 1.15 (Repeat Count = 1)			· ·
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	69010.40985		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.705846727		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.04677856		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	93.41007292		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.183338583		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	69010.4063	69010.40985 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.70584679	1.705846727 ± 0.0003	~
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796	33.04677856 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	93.4100723	93.41007292 ± 0.002	~
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.18333864	2.183338583 ± 0.0003	~
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.16 (Repeat Count = 1)			<u> </u>
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	63239.19189		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.441424131		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	121.1407425		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.70100594		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.190965533		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	63239.1914	63239.19189 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.44142413	2.441424131 ± 0.0003	~
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	121.140739	121.1407425 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	31.7010059	31.70100594 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	2.19096541	2.190965533 ± 0.0003	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	_

Test Step 1.17 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
ShCurrCalPtr	tgt_ShCurrCalPtr	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	29883.2671	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.763805687	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.5135137	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.63228405	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.5	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.804396451	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.695967615	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
Name	Actual Value Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	29883.2676 29883.2671 ± 0.004	4

2016-07-24, 11:59:10+0530



Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.76380563	1.763805687 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	104.513512	104.5135137 ± 0.002	✓
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	31.6322842	31.63228405 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.5	2.5 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.80439651	1.804396451 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.69596767	1.695967615 ± 0.0003	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.18 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	76957.215		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.021819711		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	93.80621099		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	50.80121827		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.274787426		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.807975531		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	76957.2188	76957.215 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.02181983	2.021819711 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	93.8062134	93.80621099 ± 0.002	✓
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	50.8012199	50.80121827 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.27478743	2.274787426 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	✓
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	2.80797553	2.807975531 ± 0.0003	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 1.19 (Repeat Count = 1)			~
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	69716.53822		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.134801567		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.57008684		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	62.28110993		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.561323225		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.653409302		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	69716.5391	69716.53822 ± 0.004	-
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.13480163	1.134801567 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	62.5700874	62.57008684 ± 0.002	✓
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	62.2811089	62.28110993 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.56132317	1.561323225 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	2.65340924	2.653409302 ± 0.0003	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	



Test Step 1.20 (Repeat Count = 1)			V
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	4499.005288		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.447284222		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	21.72755599		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	79.25635195		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.486444831		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.5		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.385235429		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	4499.00537	4499.005288 ± 0.004	✓
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.44728422	2.447284222 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	21.7275562	21.72755599 ± 0.002	✓
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	79.2563553	79.25635195 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.48644495	2.486444831 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.5	2.5 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.38523555	2.385235429 ± 0.0003	~

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.21 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	75965.48146		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.618051589		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.78285849		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	52.96087492		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.298481524		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	75965.4844	75965.48146 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.61805165	1.618051589 ± 0.0003	~
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598	37.78285849 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	52.9608765	52.96087492 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.29848146	2.298481524 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1	1 ± 0.0003	~

Test Step Call Trace		V			
Actual Function		Count	Expected Function	Count	Result
none		0	*** No Call Expected ***	0	~

Test Step 1.22 (Repeat Count = 1)			~
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	29121.85831		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	37.40882111		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	51.33155894		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	29121.8574	29121.85831 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	37.4088211	37.40882111 ± 0.002	~

CmMtrCurr_SCom_ReadMtrCurrCals

2016-07-24, 11:59:10+0530



Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	51.3315582	51.33155894 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.23 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	41989.99916		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.76588577		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.03032291		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	105.6417481		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.14177686		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.656356752		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.5		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	41990	41989.99916 ± 0.004	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.76588583	2.76588577 ± 0.0003	✓
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	74.0303192	74.03032291 ± 0.002	✓
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	105.641747	105.6417481 ± 0.002	✓
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.1417768	2.14177686 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.65635681	1.656356752 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.5	1.5 ± 0.0003	✓

Test Step Call Trace		V		
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

CmMtrCurr_SCom_SetMtrCurrCals

2016-07-24, 12:00:03+0530



Project CmMtrCurr1

 Module
 CmMtrCurr_MTRCURRPHASEAB_ON

 Test Object
 CmMtrCurr_SCom_SetMtrCurrCals

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\CmMtrCurr_FDD1C_010.0_NoUTP
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\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)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\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	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -l\$(PROJECTROOT)\CmMtrCurr\utp\contract -l\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -l\$(PROJECTROOT)\CmMtrCurr\include -l\$(PROJECTROOT)\NxtrLib\include -l\$(PROJECTROOT) \StdDef\include -l\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470 4.9.5\include

Comments/Description/Spe	ecification
Name	Text
Module 'CmMtrCurr_MTRCURRPHASEAB_ON	Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Under Test:Sa_CmMtrCurr.d Dode File(s) Version:2 Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:2 Unit Test Plan Version:2 Unit Test Plan Version: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 1.32 Total FLASH Used (Bytes):3176 Total RAM Used (Bytes):30 Total CALS Used (Bytes):46 Special Test Requirements:NA Test Date:7723/2016 Comments: "Note1: Inline functions defined in globalmacro.h are not unit tested. Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :- MtrCurr2SumHi_Volt_M_f32_ VecuSum_Volt_M_f32_ MtrCurrSumLo_Volt_M_f32_ MtrCurrSumLo_Volt_M_f32_ MtrCurrSumLo_Volt_M_f32_ MtrCurrSumZero_Volt_M_f32_ cmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 . Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9

2016-07-24, 12:00:03+0530



Attributes				
Name	Value			
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>			
InitSrcDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\src</pre>			
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>			
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>			
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 4.4</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\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP			



CmMtrCurr_SCom_SetMtrCurrCals

Test Case 1: Range Test Specification Performance Metrics : [With "None" Instrumentation and WithPS Environment] CPU Cycles: 494.00 Cycles TS1.2 TS1.3 TS1.4 TS1.5 TS1.6 TS1.7 TS1.10 TS1.11 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 494.00 Cycles 494.00 Cycles 494.00 Cycles 494.00 Cycles TS1.19 TS1.20 TS1.21 TS1.22 494.00 Cycles 494.00 Cycles 494.00 Cycles 494.00 Cycles TS1.23 494.00 Cycles VECTOR DESCRIPTION: Description TS1.1 All Min TS1.2 All Max TS1.3 ShCurrCalPtr1.EOLMtrCurrVcalCmd_VoltCnts_f32==>Min TS1.4 ShCurrCalPtr1.EOLMtrCurrVcalCmd_VoltCnts_f32==>Max TS1.5 ShCurrCalPtr1.EOLMtrCurrVcalCmd_VoltCnts_f32==>Pos TS1.6 ShCurrCalPtr1.EOLMtrCurr1OffsetLo_Volts_f32==>Min TS1.7 ShCurrCalPtr1.EOLMtrCurr1OffsetLo_Volts_f32==>Max TS1.8 ShCurrCalPtr1.EOLMtrCurr1OffsetLo_Volts_f32==>Pos TS1.9 ShCurrCalPtr1.EOLPhscurr1Gain_AmpspVolt_f32==>Min TS1.9 ShCurrCalPtr1.EOLPhscurr1Gain_AmpspVolt_f32==>Min TS1.10 ShCurrCalPtr1.EOLPhscurr1Gain_AmpspVolt_f32==>Max TS1.11 ShCurrCalPtr1.EOLPhscurr1Gain_AmpspVolt_f32==>Pos TS1.12 ShCurrCalPtr1.EOLPhscurr2Gain_AmpspVolt_f32==>Min TS1.13 ShCurrCalPtr1.EOLPhscurr2Gain_AmpspVolt_f32==>Max TS1.14 ShCurrCalPtr1.EOLPhscurr2Gain_AmpspVolt_f32==>Pos TS1.15 ShCurrCalPtr1.EOLMtrCurr2OffsetLo_Volts_f32==>Min TS1.16 ShCurrCalPtr1.EOLMtrCurr2OffsetLo_Volts_f32==>Min TS1.17 ShCurrCalPtr1.EOLMtrCurr2OffsetLo_Volts_f32==>Pos TS1.18 ShCurrCalPtr1.EOLMtrCurr1OffsetDiff_Volts_f32==>Pos TS1.19 ShCurrCalPtr1.EOLMtrCurr1OffsetDiff_Volts_f32==>Max TS1.20 ShCurrCalPtr1.EOLMtrCurr1OffsetDiff_Volts_f32==>Pos TS1.21 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos TS1.22 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Min TS1.23 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Max TS1.23 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Max TS1.23 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax TS1.23 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax TS1.23 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax TS1.23 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax TS1.23 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax TS1.23 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax TS1.24 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax TS1.25 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax TS1.26 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax TS1.27 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax TS1.29 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax TS1.20 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax TS1.20 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Nax

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	20		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1	1 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20	20 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20	20 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1	1 ± 0.0003	✓

TS1.23 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos

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



Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	80000		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125	125 ± 0.002	•
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125 ± 0.002	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

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

Test Step 1.3 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	47.09868979		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	41.77004862		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.407941222		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.600753427		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0	0 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	47.09869	47.09868979 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	41.77005	41.77004862 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.4079411	2.407941222 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.60075355	2.600753427 ± 0.0003	~

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

Test Step 1.4 (Repeat Count = 1)		_
Name	Input Value	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
ShCurrCalPtr	tgt_ShCurrCalPtr	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3	
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	112.4917227	
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	66.97642553	
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.001583517	
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.241427958	
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3	
Name	Actual Value Expect	ed Value Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000 ±	0.004
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3 ± 0.000	03
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.491722 112.4917	7227 ± 0.002

2016-07-24, 12:00:03+0530



Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	66.9764252	66.97642553 ± 0.002	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.00158358	2.001583517 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2414279	1.241427958 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

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

Test Step 1.5 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	18534.5		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.057824492		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	102.8154316		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	92.61498523		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.678064227		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.188937664		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	18534.5	18534.5 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.05782449	1.057824492 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	102.81543	102.8154316 ± 0.002	-
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	92.6149826	92.61498523 ± 0.002	-
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	-
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.67806423	1.678064227 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.18893766	1.188937664 ± 0.0003	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	~

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	62431.30998		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	69.21088207		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	49.80123484		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.148734033		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	62431.3086	62431.30998 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1	1 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	69.2108841	69.21088207 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	49.8012352	49.80123484 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.14873397	1.148734033 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	✓

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

Test Step 1.7 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
ShCurrCalPtr	tgt_ShCurrCalPtr

tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32

CmMtrCurr_SCom_SetMtrCurrCals

2016-07-24, 12:00:03+0530



Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	2936.428535		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	33.2997992		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	122.3116999		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.707488775		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	2936.42847	2936.428535 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.2998009	33.2997992 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.311699	122.3116999 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tot Pim ShCurrCal FOI MtrCurr1OffsetDiff_Volts_f32	1 70748878	1 707488775 + 0 0003	✓

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

3 ± 0.0003

3

Test Step 1.8 (Repeat Count = 1)			· ·
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	10906.24614		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.5		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	41.08224213		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	39.44766319		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.622684658		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.181432068		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.725617826		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10906.2461	10906.24614 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.5	1.5 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	41.0822411	41.08224213 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624	39.44766319 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.62268472	1.622684658 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.18143201	2.181432068 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.72561789	1.725617826 ± 0.0003	✓

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

Test Step 1.9 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	53535.711		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.153545499		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	89.41269803		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.333732605		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.401153803		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	53535.7109	53535.711 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.15354562	2.153545499 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20	20 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	89.4126968	89.41269803 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.3337326	1.333732605 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4011538	2.401153803 ± 0.0003	~



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

Test Step 1.10 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	21034.25092		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.478393734		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	25.27381909		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.40841347		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.77820462		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	21034.25	21034.25092 ± 0.004	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.47839379	2.478393734 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125	125 ± 0.002	·
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.273819	25.27381909 ± 0.002	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.40841341	2.40841347 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.77820468	2.77820462 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

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

Test Step 1.11 (Repeat Count = 1)			· ·
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	67380.76512		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	118.5		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	112.7967792		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.373396754		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	67380.7656	67380.76512 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	118.5	118.5 ± 0.002	·
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	112.796776	112.7967792 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.37339675	1.373396754 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

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

Test Step 1.12 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
ShCurrCalPtr	tgt_ShCurrCalPtr	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	16814.00812	
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.508232653	
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	54.72095644	
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	20	

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$

CmMtrCurr_SCom_SetMtrCurrCals

2016-07-24, 12:00:03+0530



3 ± 0.0003

Name	Input Value		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.473869264		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	16814.0078	16814.00812 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.50823259	1.508232653 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.7209549	54.72095644 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20	20 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.4738692	1.473869264 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

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

3

Name	Input Value			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	·		
ShCurrCalPtr	tgt_ShCurrCalPtr			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	18097.35985			
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3			
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	95.44120693			
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	125			
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.498684645			
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.888713241			
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.355309486			
Name	Actual Value	Expected Value	Result	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	18097.3594	18097.35985 ± 0.004		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	95.4412079	95.44120693 ± 0.002	-	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125 ± 0.002	✓	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.49868464	2.498684645 ± 0.0003	•	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.88871336	2.888713241 ± 0.0003	✓	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.35530949	2.355309486 ± 0.0003	✓	

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

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	40492.74992		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.958179414		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	50.39312637		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	31.5		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.766534388		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	40492.75	40492.74992 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.95817947	2.958179414 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	50.3931274	50.39312637 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.5	31.5 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.76653433	1.766534388 ± 0.0003	_

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



Test Step 1.15 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	49572.18146		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.666847944		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	53.57435536		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	31.60577965		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.030479312		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	49572.1797	49572.18146 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.66684794	1.666847944 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53.5743561	53.57435536 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.6057796	31.60577965 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.03047943	2.030479312 ± 0.0003	✓

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

Test Step 1.16 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	48540.26911		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.140268624		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	35.79470646		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	30.46874416		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.806896985		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	48540.2695	48540.26911 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.14026868	1.140268624 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	35.7947083	35.79470646 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	30.4687443	30.46874416 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.80689704	1.806896985 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	_

Test Step 1.17 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
ShCurrCalPtr	tgt_ShCurrCalPtr	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	8017.29687	
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3	
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	54.21653891	
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	58.63949418	
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.5	
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.932096601	
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3	
Name	Actual Value Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	8017.29688 8017.29687 ± 0.004	· ·

2016-07-24, 12:00:03+0530



Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.2165375	54.21653891 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	58.6394958	58.63949418 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.5	1.5 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.9320966	1.932096601 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

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

Test Step 1.18 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	75440.02895		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	2.472186744		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	70.57738435		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	25.72331345		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.69007498		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.519740403		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	75440.0313	75440.02895 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.4721868	2.472186744 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	70.5773849	70.57738435 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.7233143	25.72331345 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69007492	1.69007498 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.51974046	1.519740403 ± 0.0003	~

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

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	30610.32411		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	117.9908197		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	122.0586476		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.785736442		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.253039002		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30610.3242	30610.32411 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	117.990822	117.9908197 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.058647	122.0586476 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.78573656	2.785736442 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	•
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.25303888	2.253039002 ± 0.0003	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	~	

 $tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32$

CmMtrCurr_SCom_SetMtrCurrCals



1.944073379 ± 0.0003

Test Step 1.20 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	27788.15195		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.197486937		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	24.13759863		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	125		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.5		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.944073379		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	27788.1523	27788.15195 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19748688	1.197486937 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	24.137598	24.13759863 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125 ± 0.002	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.5	1.5 ± 0.0003	~

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

1.94407332

Name	Input Value		
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal		
tgt ShCurrCalPtr.EOLMtrCurrVcalCmd VoltCnts f32	3182.965965		
tgt ShCurrCalPtr.EOLMtrCurr1OffsetLo Volts f32	1.040844321		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	100.9110069		
tgt ShCurrCalPtr.EOLPhscurr2Gain AmpspVolt f32	80.87253261		
tgt ShCurrCalPtr.EOLMtrCurr2OffsetLo Volts f32	3		
tgt ShCurrCalPtr.EOLMtrCurr1OffsetDiff Volts f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3182.96606	3182.965965 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.04084432	1.040844321 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	100.911003	100.9110069 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357	80.87253261 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1	1 ± 0.0003	✓

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

Test Step 1.22 (Repeat Count = 1)			· ·
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	71212.31879		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	27.82454669		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	20.53835833		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.531606495		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.01440233		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	71212.3203	71212.31879 ± 0.004	-
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	27.8245468	27.82454669 ± 0.002	-

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Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20.5383587	20.53835833 ± 0.002	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.53160644	1.531606495 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.01440239	2.01440233 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

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

Test Step 1.23 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	39484.81324		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1.629736185		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	86.75763345		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	85.57103252		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.813632131		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.351694822		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.5		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	39484.8125	39484.81324 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.62973619	1.629736185 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	86.757637	86.75763345 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	85.5710297	85.57103252 ± 0.002	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.81363225	2.813632131 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.35169482	1.351694822 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.5	1.5 ± 0.0003	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	_

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CmMtrCurr_SCom_CalOffset

Project CmMtrCurr1

Module CmMtrCurr_MTRCURRPHASEAB_ON

Test Object CmMtrCurr_SCom_CalOffset

Instrumentation: Test Object Only

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

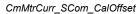
Statistics

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\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)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\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	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT) \StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Spe	ecification
Name	Text





Module 'CmMtrCurr MTRCURRPHASEAB ON

Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2

Code File(s) Version:2
Module Design Document: CmMtrCurr_MDD.docx
Module Design Document Version:2
Data Dictionary Version:2
Unit Test Plan Version: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 1.32
Total FLASH Used (Bytes): 3176
Total RAM Used (Bytes): 130
Total CALS Used (Bytes): 46
Special Test Requirements: NA
Test Date: 7/23/2016

Test Date:7/23/2016
Comments:
"Note1: Inline functions defined in globalmacro.h are not unit tested.

Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference.

Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :MtrCurr2SumHi_Volt_M_f32 , VecuSum_Volt_M_f32 , MtrCurr1SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32,
MtrCurr1SumZero_Volt_M_f32,MtrCurr2SumZero_Volt_M_f32, CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 .

Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

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	\$(ProgramFiles)\pls\UDE 4.4
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\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

TC1.1 1036.00 Cycles TC1.2 1052.00 Cycles

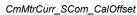
Description VECTOR DESCRIPTION:

 $TS1.1 \quad Shortest \ Execution \ Path==> (Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) = False \\ TS1.2 \quad "Longest \ Execution \ Path==> (Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) = True; \\ (VehSpd_Kph_T_f32 < FLT_EPSILON) = True \&\& (VhSpdValid_T_Cnt_lgc == TRUE) = False"$

Test Step 1.1 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	/trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	10		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-285		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	186		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓
CmMtrCurr_SCom_CalOffset()	34	34	✓
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	~

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	13		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓
CmMtrCurr_SCom_CalOffset()	21	21	✓
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓





Test Case 2: Range Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

CPU Cycles:

TC2.1 1036.00 Cycles
TC2.2 1036.00 Cycles
TC2.3 1036.00 Cycles
TC2.3 1036.00 Cycles
TC2.4 1036.00 Cycles
TC2.5 1036.00 Cycles
TC2.5 1036.00 Cycles
TC2.6 1036.00 Cycles
TC2.7 1036.00 Cycles
TC2.9 1034.00 Cycles
TC2.10 1036.00 Cycles
TC2.11 1046.00 Cycles
TC2.12 1034.00 Cycles
TC2.12 1034.00 Cycles
TC2.13 1036.00 Cycles
TC2.14 1036.00 Cycles
TC2.15 1036.00 Cycles
TC2.16 1036.00 Cycles
TC2.17 1052.00 Cycles
TC2.18 1044.00 Cycles
TC2.19 1044.00 Cycles
TC2.19 1044.00 Cycles
TC2.20 1044.00 Cycles

Description

VECTOR DESCRIPTION:

TS2.1All Min TS2.2All Max

TS2.2All Max
TS2.3CurrentGainSvc_Cnt_M_lgc==>True
TS2.4CurrentGainSvc_Cnt_M_lgc==>False
TS2.5MtrVel_MtrRadpS_f32==>Min
TS2.6MtrVel_MtrRadpS_f32==>Pos
TS2.5MtrVel_MtrRadpS_f32==>Zero
TS2.5MtrVel_MtrRadpS_f32==>Zero
TS2.5MtrVel_MtrRadpS_f32==>Neg
TS2.10VhSpdValid_Cnt_lgc==>True
TS2.11VhSpdValid_Cnt_lgc==>False
TS2.12k_MaxCurrOffMtrVel_RadpS_f32==>Min
TS2.13k_MaxCurrOffMtrVel_RadpS_f32==>Max
TS2.14k_MaxCurrOffMtrVel_RadpS_f32==>Zero
TS2.16k_MaxCurrOffMtrVel_RadpS_f32==>Zero
TS2.16k_MaxCurrOffMtrVel_RadpS_f32==>Neg
TS2.17k_MaxCurrOffMtrVel_RadpS_f32==>Neg
TS2.17k_MaxCurrOffMtrVel_RadpS_f32==>Default
TS2.18VehSpd_Kph_f32==>Min

TS2.18VehSpd_Kph_f32==>Min TS2.19VehSpd_Kph_f32==>Max TS2.20VehSpd_Kph_f32==>Pos

Test Step 2.1 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	-20		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓
CmMtrCurr_SCom_CalOffset()	34	34	✓
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	✓



Test Step 2.2 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrR	adpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph	_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	20		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	255		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	~
CmMtrCurr_SCom_CalOffset()	34	34	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	•

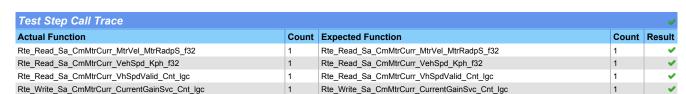
Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	✓

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	-6.32499981		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	652.325378		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	65.2139969		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	~
CmMtrCurr_SCom_CalOffset()	34	34	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt loc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt loc	1	~

Test Step 2.4 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCuri	_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCuri	_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	8.2510004		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-65.25		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	125.32		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓
CmMtrCurr_SCom_CalOffset()	34	34	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	~





Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	-11.6234684		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	65.3249969		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓
CmMtrCurr_SCom_CalOffset()	34	34	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	✓

Test Step 2.6 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	rr_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	rr_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCui	rr_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	3.73730636		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	98.6579971		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓
CmMtrCurr_SCom_CalOffset()	34	34	✓
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	✓



Test Step 2.7 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Mtr\	/el_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Veh	Spd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data			
k_MaxCurrOffMtrVel_RadpS_f32	5.8294816	5.8294816		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	325.5			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	125.985001			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	✓	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	•	

Test Step 2.8 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCui	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	13	13		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	0			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	156.539993			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	~	
CmMtrCurr_SCom_CalOffset()	21	21	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_Igc(data)	1	1	~	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	✓
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	✓

Test Step 2.9 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	10	10		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-285.649994			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	186.875			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	~	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	~	





Test Step 2.10 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	rr_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	rr_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCui	rr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	2.42746878	2.42746878		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2.98000002			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	✓

Test Step 2.11 (Repeat Count = 1)				
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data			
k_MaxCurrOffMtrVel_RadpS_f32	7.63191891	7.63191891		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	7			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	246.25			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓	
CmMtrCurr_SCom_CalOffset()	21	21	✓	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	✓	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	~	



Test Step 2.12 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCui	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	-20	-20		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-987.650024			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	65.5400009			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	~	

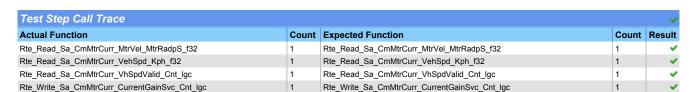
Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	•	

Test Step 2.13 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	20	20		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-35.9799995			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	24.9799995			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	~	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	•
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	✓

Test Step 2.14 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	15.5		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-785.450012		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	14.3999996		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	~
CmMtrCurr_SCom_CalOffset()	34	34	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	~





Test Step 2.15 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	0		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	25.6580009		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	254.600006		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓
CmMtrCurr_SCom_CalOffset()	34	34	✓
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	✓

Test Step 2.16 (Repeat Count = 1)			
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	-13.5		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-98.1589966		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	9.80000019		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓
CmMtrCurr_SCom_CalOffset()	34	34	✓
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	~	

Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)



Test Step 2.17 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	10		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2.98000002		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	~
CmMtrCurr SCom CalOffset()	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	~

Test Step 2.18 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	12		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	11.1099997		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓
CmMtrCurr_SCom_CalOffset()	0	0	✓
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	✓

Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	6.55960798		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	6.32499981		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	255		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	~
CmMtrCurr_SCom_CalOffset()	21	21	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	~



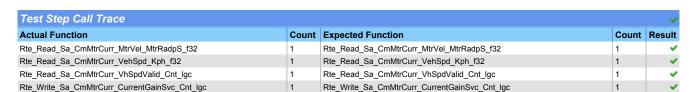
Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	~

Test Step 2.20 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCuri	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	16.8791161	16.8791161	
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	16.3250008		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	65.5		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓
CmMtrCurr_SCom_CalOffset()	21	21	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	~

Test Case 3	: Path Test	✓
Specification	Performance Metrics : [With "None" Instrumentation and WithPS Environment]	
	CPU Cycles:	
	TS3.1 2134.00 Cycles TS3.2 1986.00 Cycles TS3.3 1970.00 Cycles TS3.4 1963.00 Cycles TS3.5 2000.00 Cycles	
Description	VECTOR DESCRIPTION:	
	TS3.1 "((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) && (ProductionMode != Mec_Cnt_T_enum))=False" TS3.2 "((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) && (ProductionMode != Mec_Cnt_T_enum))=True ((VehSpd_Kph_T_f32 < FLT_EPSILON) && (VehSpd_Kph_T_f32 < FLT_EPSILON) && (VhSpdValid_T_Cnt_lgc == TRUE))=False" TS3.3 "((VehSpd_Kph_T_f32 < FLT_EPSILON) && (VhSpdValid_T_Cnt_lgc == TRUE))=True" TS3.4 "((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) =True&& (ProductionMode != Mec_Cnt_T_enum) =False)" TS3.5 "((VehSpd_Kph_T_f32 < FLT_EPSILON) =True&& (VhSpdValid_T_Cnt_lgc == TRUE) =False)"	

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	-20		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓
CmMtrCurr_SCom_CalOffset()	34	34	✓
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	✓





Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	16.7347775	16.7347775	
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	5		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	31.509201		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓
CmMtrCurr_SCom_CalOffset()	21	21	✓
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	-	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	✓	

Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCu	rr_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCu	rr_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCu	rr_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	2.42746878	2.42746878	
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓
CmMtrCurr_SCom_CalOffset()	0	0	✓
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	✓	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~	
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	✓	

 $Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)$



Test Step 3.4 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCuri	_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCuri	_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr	_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	16.7347775		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	5		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	31.509201		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓
CmMtrCurr_SCom_CalOffset()	21	21	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	~

Test Step 3.5 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	2.42746878		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓
CmMtrCurr_SCom_CalOffset()	21	21	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	•
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	•

CmMtrCurr_SCom_MtrCurrOffReadStatus

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Project CmMtrCurr1

 Module
 CmMtrCurr_MTRCURRPHASEAB_ON

 Test Object
 CmMtrCurr_SCom_MtrCurrOffReadStatus

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\CmMtrCurr_FDD1C_010.0_NoUTP
Configuration File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\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)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\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	-DMTRCURRPHASEAB=STD_ON -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT) \CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT) \StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Namo	Toyt
Module CmMtrCurr_MTRCURRPHASEAB_ON	Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2 Module Design Document:CmMtrCurr_MDD.docx Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version: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 1.32 Total FLASH Used (Bytes):3176 Total FLASH Used (Bytes):3176 Total RAM Used (Bytes):46 Special Test Requirements:NA Test Date:7/23/2016 Comments: "Note1: Inline functions defined in globalmacro.h are not unit tested. Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3:- In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors, accepted by devloper variables are :- MtrCurr2SumPli Volt M f32 VerySum Volt M f32 MtrCurr2Suml o Volt M f32 MtrCurr2Suml o Volt M f32
	Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :- MtrCurr2SumHi_Volt_M_f32 , VecuSum_Volt_M_f32 , MtrCurr1SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr2SumLo_Volt_M_f32, MtrCurr2SumZero_Volt_M_f32, CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 . Note4:-In function CurrDQPer1(), variables 'MtrCurrK1 Amps_f32' and 'MtrCurrK2 Amps_f32' are going to very large values."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9

2016-07-24, 11:58:16+0530



CmMtrCurr_SCom_MtrCurrOffReadStatus

Attributes	
Name	Value
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 4.4
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\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Range Test

Specification

Performance Metrics : [With "None" Instrumentation and WithPS Environment]

CPU Cycles:

TS1.1 8.00 Cycles TS1.2 8.00 Cycles TS1.3 8.00 Cycles TS1.4 8.00 Cycles

VECTOR DESCRIPTION: Description

TS1.1 CurroffProcessFlag_M_enum=CURROFF_INIT
TS1.2 CurroffProcessFlag_M_enum=CURROFF_PROCESSING
TS1.3 CurroffProcessFlag_M_enum=CURROFF_PASS
TS1.4 CurroffProcessFlag_M_enum=CURROFF_FAIL

Test Step 1.1 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CurrOffStatus	tgt_CurrOffStatus		
Name	Actual Value	Expected Value	Result
tgt CurrOffStatus	0	0	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CurrOffStatus	tgt_CurrOffStatus		
Name	Actual Value	Expected Value	Result
tgt_CurrOffStatus	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.3 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurroffProcessFlag_M_enum	2		
CurrOffStatus	tgt_CurrOffStatus		
Name	Actual Value	Expected Value	Result
tgt_CurrOffStatus	2	2	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.4 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CurrOffStatus	tgt_CurrOffStatus		
Name	Actual Value	Expected Value	Result
tgt_CurrOffStatus	3	3	~

Test Step Call Trace ✓				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~