Summary

Total Test Objects:	12
Successful:	12
Failed:	0
Not Executed:	0
Date:	2016-07-23
Time:	18:33:18+0530

## Overall Test Object Results (including Coverage)
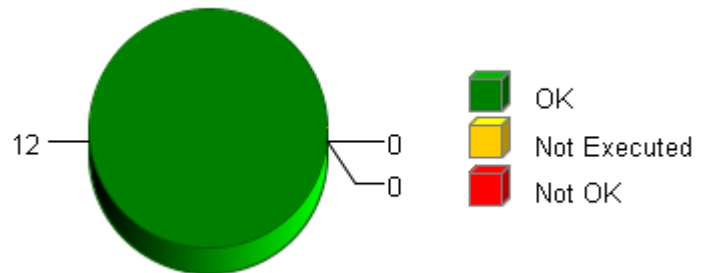
Selected Project Items

Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEBA_ON/CmMtrCurr_Init"
Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEBA_ON/CmMtrCurr_Per1"
Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEBA_ON/CmMtrCurr_Per2"
Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEBA_ON/CmMtrCurr_Per3"
Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEBA_ON/CmMtrCurr_SCom_CalGain"
Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEBA_ON/CmMtrCurr_SCom_CalOffset"
Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEBA_ON/CmMtrCurr_SCom_MtrCurrOffReadStatus"
Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEBA_ON/CmMtrCurr_SCom_ReadMtrCurrCals"
Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEBA_ON/CmMtrCurr_SCom_SetMtrCurrCals"
Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEBA_ON/CmMtrCurrTempOffset_Scom_Get"
Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEBA_ON/CmMtrCurrTempOffset_Scom_Set"
Test Object "CBD_UnitTest/CmMtrCurr_MTRCURRPHASEBA_ON/CurrDQPer1"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)
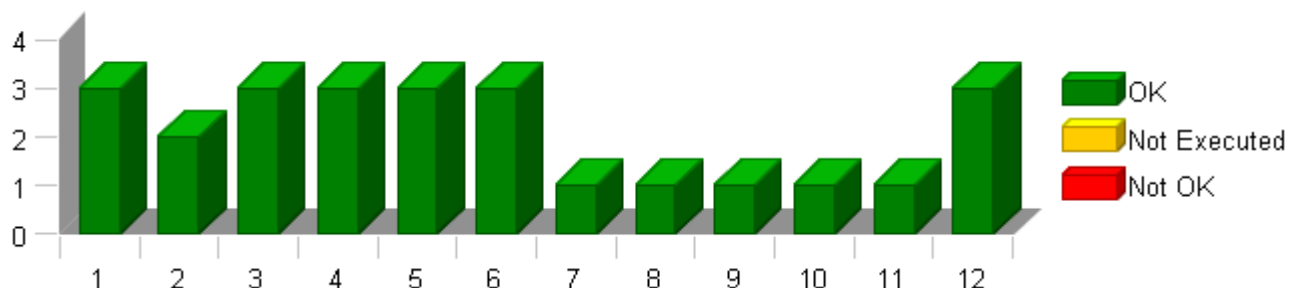
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object 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
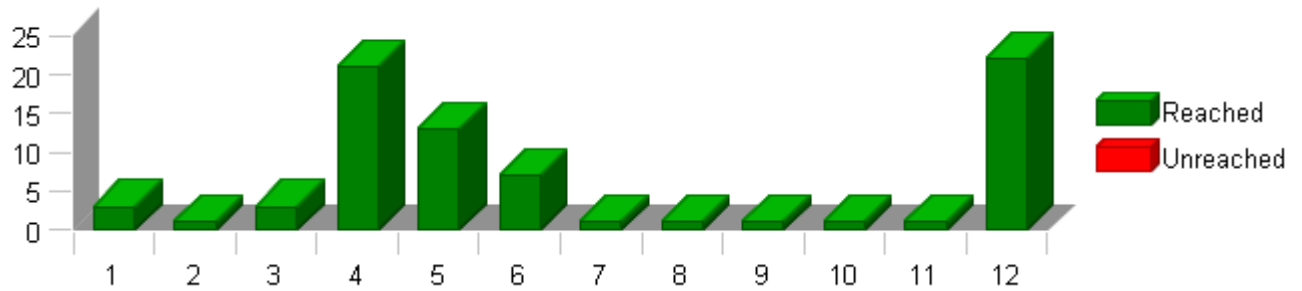
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

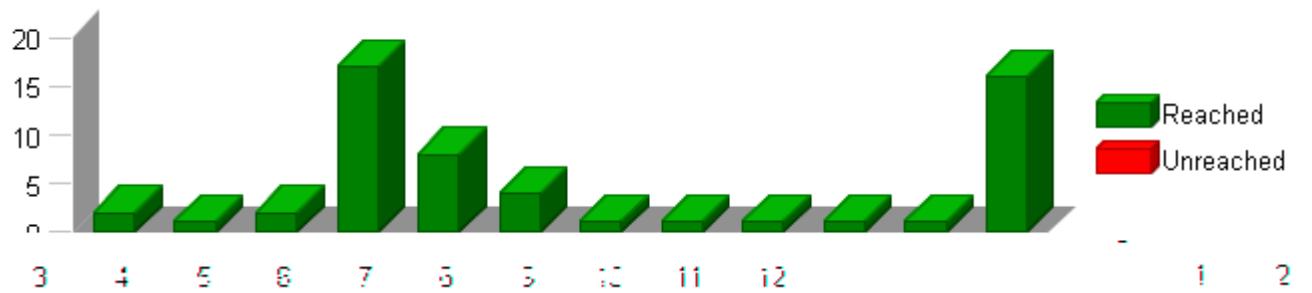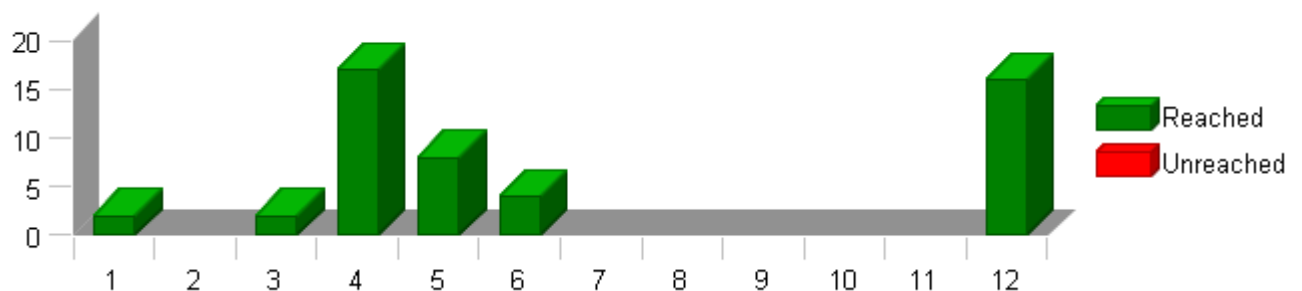## Branch (C1) Coverage: Total Branches for Each Test Object

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.
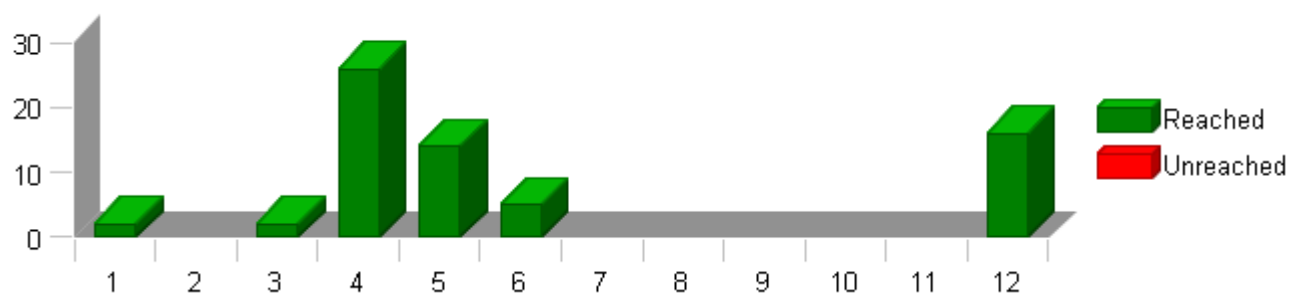
Decision Coverage: Total Decision Outcomes for Each Test Object

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.

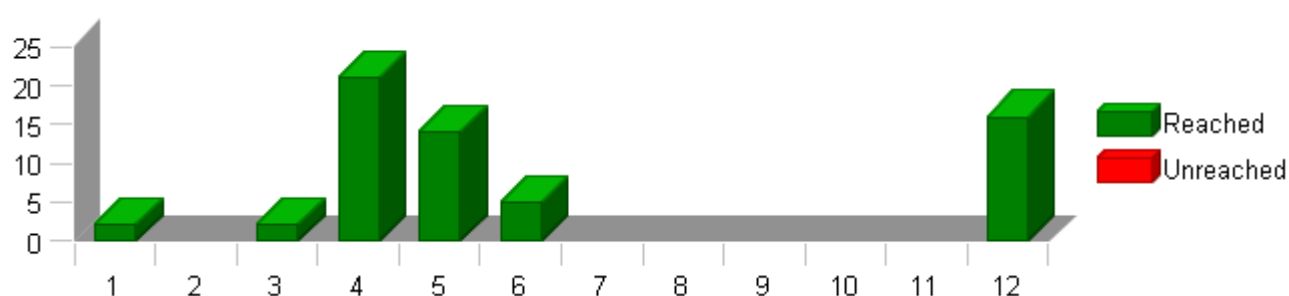Each bar is divided into reached and unreached decision outcomes.

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 Object List

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

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

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases	Result
	CmMtrCurr1	100 %	100 %	100 %	100 %	100 %	25 of 25 passed	✔
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	25 of 25 passed	✔
	CmMtrCurr_MTRCURRPHASEBA_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	CurrDQPer1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	✔

Project	CmMtrCurr1
Module	CmMtrCurr_MTRCURRPHASEBA_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	$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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_MTRCURRPHASEBA_ON	***************************************Unit Test Information*************************************** 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 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 :- 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

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	$(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    160.00 Cycles
TS1.2    133.00 Cycles
TS1.3    133.00 Cycles
TS1.4    133.00 Cycles
TS1.5    133.00 Cycles
TS1.6    133.00 Cycles
TS1.7    133.00 Cycles
TS1.8    133.00 Cycles
TS1.9    133.00 Cycles
TS1.10   133.00 Cycles
TS1.11   133.00 Cycles
TS1.12   133.00 Cycles
TS1.13   133.00 Cycles
TS1.14   133.00 Cycles
TS1.15   133.00 Cycles
TS1.16   133.00 Cycles
TS1.17   133.00 Cycles
```

Description   Vector Description:

TS1.1 All Min
TS1.2 All Max
TS1.3 Rte_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5==>Min
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.CurrOffsetY1_Volts_s4p11==>Min
TS1.9 Rte_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11==>Max
TS1.10 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==>Pos
TS1.16 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

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	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	-1600	-1600	✔
tgt_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	✔
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 1.2 (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

CmMtrCurrTempOffset_Scom_Get

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		
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		
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.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	**Actual Value**	**Expected Value**	**Result**
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4800	4800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4800	4800	✔
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	✔

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	✔

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

Name	Input Value		
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]	-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	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	-1600	-1600	✓
tgt_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]	-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]	2	2	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	4	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	✓
tgt_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 1.4 (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		

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]	-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
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]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4800	4800	✓
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4800	4800	✓
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	✓
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	25	25	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	35	35	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	37	37	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	39	39	✓

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

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	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-1440	-1440	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-1376	-1376	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-1280	-1280	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-1216	-1216	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	-1120	-1120	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	-1056	-1056	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	-960	-960	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	-896	-896	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	-800	-800	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	-704	-704	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	-640	-640	✔

Name	Actual Value	Expected Value	Result
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	✔
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]	2	2	✔
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	4	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	✔
tgt_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	

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]	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]	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]	-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]	-1120	-1120	✔
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[5]	224	224	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	448	448	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	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	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	53	53	✔

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

Name	Input Value
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	608
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	736
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	832
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	928
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1056
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1152
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1248
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1376
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]	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]	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]	96	96	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	192	192	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	288	288	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	416	416	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	512	512	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	608	608	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	736	736	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	832	832	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	928	928	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	1056	1056	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	1152	1152	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	1248	1248	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	1376	1376	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	1472	1472	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	1568	1568	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	1760	1760	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	0	0	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	0	0	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	0	0	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	0	0	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	0	0	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	0	0	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	0	0	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	0	0	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	0	0	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	0	0	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	0	0	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	0	0	✔

Name	Input Value
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]	-928	-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	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2688	2688	✔
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	✔
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]	-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 1.13 (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

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]	-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		
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.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]	320	320	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	640	640	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	960	960	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1600	1600	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1280	1280	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1920	1920	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2240	2240	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2560	2560	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2880	2880	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3200	3200	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3520	3520	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3840	3840	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4160	4160	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4480	4480	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4800	4800	✔
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	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	25	25	✔
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	✔

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	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
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]	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.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset

Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	224	224	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	544	544	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	864	864	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	1184	1184	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1504	1504	✔

CmMtrCurrTempOffset_Scom_Get

Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1824	1824	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	2144	2144	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2464	2464	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2784	2784	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	3104	3104	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3424	3424	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3744	3744	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	4064	4064	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4384	4384	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4480	4480	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4704	4704	✔
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]	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	✔

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

Name	Input Value
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]	32	32	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	352	352	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	672	672	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	992	992	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1312	1312	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1632	1632	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1952	1952	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2272	2272	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2592	2592	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2912	2912	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3232	3232	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3552	3552	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3872	3872	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4192	4192	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4512	4512	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4768	4768	✔
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]	2	2	✔
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	4	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	✔
tgt_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	✔

Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	31	31	✔
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	33	33	✔

Test Step 1.16 (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]	-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]	-14		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-45		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	0		
tgt_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[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.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	**Actual Value**	**Expected Value**	**Result**
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-1184	-1184	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-928	-928	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	480	480	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	960	960	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1440	1440	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1920	1920	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	2240	2240	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2400	2400	✔
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[12]	4256	4256	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4544	4544	✔

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

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
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]	0	0	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	192	192	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	512	512	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	832	832	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1152	1152	✔
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	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	✔
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	25	25	✔
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	✔

Project	CmMtrCurr1
Module	CmMtrCurr_MTRCURRPHASEBA_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	$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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

Module 'CmMtrCurr_MTRCURRPHASEBA_ON	***************************************Unit Test Information***************************************
	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 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 :- 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  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_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_MtrCurrEOLMaxOffset_Volts_f32) = True &&
   (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) = True &&
   (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) = False"

Test Step 1.1 (Repeat Count = 1) ✔

Name	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_lgc.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_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
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	✔

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	✔

T					✔
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	3
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.25479567
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_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
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6	6 ± 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	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	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	23218.2402	23218.2402 ± 0.001	✔
CmMtrCurr_VecuSum_Volt_M_f32	18.0116081	18.0116081 ± 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 Case 2: Range Test ✔

Specification

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

CPU Cycles:

TC2.1    1141 Cycles
TC2.2    1147 Cycles
TC2.3    1272 Cycles
TC2.5    1214 Cycles
TC2.4    1214 Cycles
TC2.6    1188 Cycles
TC2.7    1188 Cycles
TC2.8    1188 Cycles
TC2.9    1188 Cycles
TC2.10   1188 Cycles
TC2.11   1188 Cycles
TC2.12   1133 Cycles
TC2.13   1133 Cycles
TC2.14   1133 Cycles
TC2.15   1133 Cycles
TC2.16   1133 Cycles
TC2.17   1133 Cycles
TC2.18   1133 Cycles
TC2.19   1133 Cycles
TC2.20   1133 Cycles
TC2.21   1133 Cycles
TC2.22   1133 Cycles
TC2.23   1071 Cycles
TC2.24   1133 Cycles
TC2.25   1071 Cycles
TC2.26   1071 Cycles
TC2.27   1133 Cycles
TC2.28   1133 Cycles
TC2.29   1133 Cycles
TC2.30   1133 Cycles
TC2.31   1133 Cycles
TC2.32   1133 Cycles
TC2.33   1261 Cycles
TC2.34   1231 Cycles
TC2.35   1168 Cycles
TC2.36   1175 Cycles
TC2.37   1175 Cycles
TC2.38   1168 Cycles
TC2.39   1168 Cycles
TC2.40   1168 Cycles
TC2.41   1168 Cycles
TC2.42   1168 Cycles
TC2.43   1168 Cycles
TC2.44   1168 Cycles
TC2.45   1168 Cycles
TC2.46   1168 Cycles
TC2.47   1168 Cycles
TC2.48   1168 Cycles
TC2.49   1168 Cycles
TC2.50   1175 Cycles
TC2.51   1175 Cycles
TC2.52   1175 Cycles
TC2.53   1175 Cycles
TC2.54   1175 Cycles
TC2.55   1175 Cycles
TC2.56   1194 Cycles
TC2.57   1194 Cycles
TC2.58   1194 Cycles
TC2.59   1194 Cycles
TC2.60   1194 Cycles
TC2.61   1194 Cycles
TC2.62   1249 Cycles
TC2.63   1195 Cycles
TC2.64   1195 Cycles
TC2.65   1195 Cycles
TC2.66   1195 Cycles
TC2.67   1195 Cycles
TC2.68   1177 Cycles
TC2.69   1195 Cycles
TC2.70   1284 Cycles
TC2.71   1307 Cycles
TC2.72   1238 Cycles
TC2.73   1214 Cycles
TC2.74   1314 Cycles
TC2.75   1233 Cycles
TC2.76   1157 Cycles
TC2.77   1175 Cycles
TC2.78   1175 Cycles
TC2.79   1157 Cycles
TC2.80   1782 Cycles
TC2.81   1801 Cycles
TC2.82   1785 Cycles
TC2.83   1093 Cycles
TC2.84   1093 Cycles
TC2.85   1031 Cycles
TC2.86   1031 Cycles
TC2.87   1031 Cycles
TC2.88   1031 Cycles
TC2.89   1031 Cycles
TC2.90   1093 Cycles
TC2.91   1031 Cycles
TC2.92   1093 Cycles
TC2.93   1093 Cycles
TC2.94   1031 Cycles
TC2.95   1093 Cycles
TC2.96   1093 Cycles
TC2.97   1031 Cycles
TC2.98   1148 Cycles
TC2.99   1148 Cycles
TC2.100  1148 Cycles
TC2.101  1307 Cycles
TC2.102  1307 Cycles
TC2.103  1283 Cycles
TC2.103  1284 Cycles
```

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
TS2.15MtrVel_MtrRadpS_f32==>Zero
TS2.16MtrVel_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
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==>Max
TS2.30k_MaxCurrOffMtrVel_RadpS_f32==>Pos
TS2.31k_MaxCurrOffMtrVel_RadpS_f32==>Zero
TS2.32k_MaxCurrOffMtrVel_RadpS_f32==>Neg
TS2.33k_MaxCurrOffMtrVel_RadpS_f32==>Default
TS2.34CurrOffState_ULS_M_enum==>CURROFF_INTIALISE
TS2.35CurrOffState_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==>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
TS2.79MtrCurr2OffsetHi_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==>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
TS2.90Rte_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_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
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	✔

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	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1	1 ± 0.0003	✔

T					✔
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	10000	
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	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_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
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	✔

T				✔
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**	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1	
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	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_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
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	✔

T			✔
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_Uls_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_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	✔

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	1	✔
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	✔

T			✔
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 2.5 (Repeat Count = 1)	✔
Name	**Input Value**
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3
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	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_lgc.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	✔

T				✔
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

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_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_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	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.25900912	2.25900912 ± 0.0003	✔

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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 2.7 (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

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_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	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	✔

T			✔
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	

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_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
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	✔

T			✔
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	

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_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_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	✔

T					✔
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	

Name	Input Value
CmMtrCurr_CurroffProcessFlag_M_enum	2
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	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.22926593
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.4000001
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.00158358
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	12546.25
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	177.184998
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50238.3359
CmMtrCurr_VecuSum_Volt_M_f32	333.005005
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	25
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	19
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	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_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
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	10	10 ± 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	2.4301908	2.4301908 ± 0.0003	✔
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.7515341	1.7515341 ± 0.0003	✔
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.7515341	1.7515341 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	102.275002	102.275002 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	✔
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	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	12546.25 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	177.184998	177.184998 ± 0.0003	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50238.3359	50238.3359 ± 0.001	✔
CmMtrCurr_VecuSum_Volt_M_f32	348.505005	348.505005 ± 0.0009765625	✔
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✔
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	✔

T					✔
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 2.12 (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	3
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
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
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	✔
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	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	12546.25	12546.25 ± 0.0003	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33128.5508	33128.5508 ± 0.001	✔
CmMtrCurr_VecuSum_Volt_M_f32	344.13501	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	✔

T				✔
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		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	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	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	1118		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	28.6460514		
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		
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**
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	✔
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.22717118	2.22717118 ± 0.0003	✔
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.48580837	2.48580837 ± 0.0003	✔
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	3 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	39491.5234	39491.5234 ± 0.001	✔
CmMtrCurr_VecuSum_Volt_M_f32	355.265015	355.265015 ± 0.0009765625	✔
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	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	✔

T				✔
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_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
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	4.69999981	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	✔

T			✔
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 2.15 (Repeat Count = 1)			✔
Name	**Input Value**		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	13		
CmMtrCurr_CurrOffState_Uls_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_lgc.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_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**
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	✔

T				✔
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	
CmMtrCurr_MtrCurr1SumZero_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_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	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	✔

T			✔
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_lgc.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

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	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	✔

T				✔
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

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_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
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	✔
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	33462.3984	33462.3984 ± 0.004	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.43301225	1.43301225 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.2017374	2.2017374 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.4267602	1.4267602 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.13100731	1.13100731 ± 0.0003	✔

T			✔

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 2.19 (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
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19870925
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.58489704
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.38878167
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
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	✔

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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

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_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
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	✔

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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	

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_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
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	✔

T			✔
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

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_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
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	✔

T					✔
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	

Name	Input Value
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.4000001
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.18853402
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	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_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
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	21	21 ± 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	2.18853402	2.18853402 ± 0.0003	✔
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.18853402	2.18853402 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.0530895	1.0530895 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	232.835007	232.835007 ± 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	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	✔
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	✔

T					✔
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 2.24 (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
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	35.2140007
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
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
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	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	110.404999	110.404999 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242	56885.8242 ± 0.001	✔
CmMtrCurr_VecuSum_Volt_M_f32	477.695007	477.695007 ± 0.0009765625	✔
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	✔

T					✔
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	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	36.25	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50238.3359	
CmMtrCurr_VecuSum_Volt_M_f32	488.825012	
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_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**
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	✔
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.07224905	1.07224905 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	306.320007	306.320007 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	121.535004	121.535004 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	36.25	36.25 ± 0.0003	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50238.3359	50238.3359 ± 0.001	✔
CmMtrCurr_VecuSum_Volt_M_f32	488.825012	488.825012 ± 0.0009765625	✔
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	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	✔

T					✔
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_CmMtrCurr
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_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
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	24	24 ± 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	4.69999981	4.69999981 ± 0.0003	✔
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.25399995	3.25399995 ± 0.0003	✔
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.25399995	3.25399995 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	303.209991	303.209991 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	266.225006	266.225006 ± 0.0003	✔
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	✔
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.89499998	3.89499998 ± 0.0003	✔
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	✔

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	✔

T					✔
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 2.27 (Repeat Count = 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_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**
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	✔

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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 2.28 (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_lgc.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_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
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.EOLMtrCurrValCmd_MtrCounts_f32 32n	67286.625 nu	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	✔

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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	1.6401467MtrCurr_MtrCu _Cnt_M_ln
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	1065.0078M _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	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	✓

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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

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_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
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	✔

T			✔
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

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_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
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	✔

T			✔
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

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_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
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	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.18993354	1.18993354 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.38486934	2.38486934 ± 0.0003	✔

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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 2.33 (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	

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_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_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	✔

T				✔
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

Name	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
k_MtrCurrEOLMinOffset_Volts_f32	1.79667687
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	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_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	Input Value
CmMtrCurr_CurroffProcessFlag_M_enum	0
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
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	3
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	43.625
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.87105429
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	54641.4297
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	3
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	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_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
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	32	32 ± 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	4.19999981	4.19999981 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	✔
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	3 ± 0.0003	✔
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	3 ± 0.0003	✔
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	✔
CmMtrCurr_VecuSum_Volt_M_f32	588.994995	588.994995 ± 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	✔

T			✔
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 2.36 (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
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.76121855
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
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
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	54.7550011 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	35505.4063	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	✔

T				✔
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)			✔
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_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_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	✔

T					✔
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
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
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
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	✔

T				✔
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 2.39 (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	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_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**
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	✔

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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)		✔
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	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_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**
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	✔

Name	Actual Value	Expected Value	Result
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	50000	50000 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	47839.5703	47839.5703 ± 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	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	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	✔

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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 2.41 (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	4.5999999
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_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

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	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	✔

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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	4.69999981	
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	

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_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
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	✔

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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

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
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	✔

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_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_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	✔

T			✔
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

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_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_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	✔

T			✔
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

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_CmMtrCurr
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_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
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	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

T					✓
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

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
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	41957.3516
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	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

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_MtrCurr2OffsetZero_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	34.6479836	34.6479836 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	41957.3516	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	✔
CmMtrCurr_VecuSum_Volt_M_f32	741.519165	741.519165 ± 0.0009765625	✔
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✔
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	12022.6406	12022.6406 ± 0.004	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.768152	1.768152 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.91952419	2.91952419 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✔

T					✔
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 2.48 (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	44898.4609
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	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
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
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	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	12546.25	12546.25 ± 0.0003	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	47726.5313	47726.5313 ± 0.001	✔
CmMtrCurr_VecuSum_Volt_M_f32	767.939636	767.939636 ± 0.0009765625	✔
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✔
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10899.8896	10899.8896 ± 0.004	✔
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	2.48983455	2.48983455 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✔

T					✓
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_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_CurrOffAvgCounter_Cnt_M_u16	10001	10001 ± 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	4.4000001	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	✓
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	12546.6621	12546.6621 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.91764379	2.91764379 ± 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	2.64458537	2.64458537 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33136.7109	33136.7109 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	✓
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	70405.5469	70405.5469 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	779.082642		

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	✔

T					✔
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
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.78381634
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_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
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	✔

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	✔

T			✔
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 2.51 (Repeat Count = 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	
tgt_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	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6579.94385	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	
tgt_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_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
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	✓

T					✓
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 2.52 (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_lgc.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_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**
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	47	47 ± 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	1.55437148	1.55437148 ± 0.0003	✔
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.18853402	2.18853402 ± 0.0003	✔
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	✔
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.05157495	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	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3.73001981	3.73001981 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	37677.1406	37677.1406 ± 0.001	✔
CmMtrCurr_VecuSum_Volt_M_f32	800.465027	800.465027 ± 0.0009765625	✔
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	950	950 ± 1	✔
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	50186.2891	50186.2891 ± 0.004	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.30887294	2.30887294 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.13170183	1.13170183 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✔

T			✔
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 2.53 (Repeat Count = 1)		✔
Name	**Input Value**	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	47	
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	2.4301908	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.4301908	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.35220647	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2564.25098	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.18977249	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.85310507	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	121.535004	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.62852371	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	27251.8008	
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_MaxCurrOffMtrVel_RadpS_f32	12.4209137	
k_MtrCurrEOLMaxOffset_Volts_f32	2.73520017	
k_MtrCurrEOLMinOffset_Volts_f32	1.38772607	
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_MtrVel_MtrRadpS_f32.value	12	
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	25.0432358	
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008	
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	66.5053101	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.07186615	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.33528733	
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_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	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	✔

T			✔
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

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_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_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	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.26931763	2.26931763 ± 0.0003	✔

T			✔
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 2.55 (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

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_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
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	✔

T			✔

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

Name	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	3
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.716357231
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	11
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	23.9801941
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.62093006e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
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	3
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

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	✔

T					✔
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)		✔
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_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_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	✔

T			✔

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

Name	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	3
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	123
k_MaxCurrOffMtrVel_RadpS_f32	12.7237406
k_MtrCurrEOLMaxOffset_Volts_f32	2.49101973
k_MtrCurrEOLMinOffset_Volts_f32	1.48035502
k_MtrCurrOffLoComOff_Cnt_u16	1250
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.60549736
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	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

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	✓

T					✓
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	

Name	Input Value
CmMtrCurr_CurroffProcessFlag_M_enum	2
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	6
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	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	60901.1875
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3
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_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	54	54 ± 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	2.79118037	2.79118037 ± 0.0003	✔
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	✔
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	8.32323647	8.32323647 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.71490192	2.71490192 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	266.313141	266.31311 ± 0.0003	✔
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	✔
CmMtrCurr_VecuSum_Volt_M_f32	878.375	878.375 ± 0.0009765625	✔
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✔
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	60901.1875	60901.1875 ± 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	1.85061121	1.85061121 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.00795436	2.00795436 ± 0.0003	✔

T			✔
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 2.60 (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_MtrCurr1SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.24155974
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
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
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_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	55	55 ± 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	3	3 ± 0.0003	✔
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	30.7622643	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	1.29947114	1.29947114 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.20110023	1.20110023 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.85809946	1.85809946 ± 0.0003	✔

T					✔
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_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**
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	✔
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.68251061	2.68251061 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.39488578	2.39488578 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	16.249506	16.249506 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	50001.7109	50001.7109 ± 0.0003	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	64880.5586	64880.5586 ± 0.001	✔
CmMtrCurr_VecuSum_Volt_M_f32	900.63501	900.63501 ± 0.0009765625	✔
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✔

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	✓

T			✓

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_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	4.0999999
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_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
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	✓

TEST DETAILS REPORT

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CmMtrCurr_Per3

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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	✔

T					✔
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 2.63 (Repeat Count = 1) ✔

Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	57
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	4.19999981
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
k_MaxCurrOffMtrVel_RadpS_f32	11.6127138
k_MtrCurrEOLMaxOffset_Volts_f32	1.60846543
k_MtrCurrEOLMinOffset_Volts_f32	1
k_MtrCurrOffLoComOff_Cnt_u16	1500
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
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
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	✔

T					✔
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		

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	✔

T			✔
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	4.4000001
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	2.0999999
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_lgc.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_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	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	✔

T				✔
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

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_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
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	✔
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	✔

T				✔
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 2.67 (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

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_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_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_Igc
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal

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_Igc	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	✓

T			✓
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_Igc	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	2.0999999
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_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
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	62	62 ± 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	2.26628852	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	3 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	18428.4707	18428.4707 ± 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	2.66323638	2.66323638 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.86287165	2.86287165 ± 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	978.544983	978.544983 ± 0.0009765625	✔
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 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	✔

T				✔
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	

Name	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	1
k_MtrCurrOffLoComOff_Cnt_u16	1200
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.744054079
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.20999026
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	8
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	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30670.2969
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_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
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63	63 ± 1	✔
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✔
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	

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_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
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	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	44400.6758	44400.6758 ± 0.001	✔
CmMtrCurr_VecuSum_Volt_M_f32	1000.80499	1000.80499 ± 0.0009765625	✔
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✔
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	659.655212	659.655212 ± 0.004	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.62237978	2.62237978 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.62126434	1.62126434 ± 0.0003	✔

T				✔
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 2.71 (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

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
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	

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	21.3649998
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
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	1.52093005e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
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_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
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	3 ± 0.0003	✔
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.03766644	1.03766644 ± 0.0003	✔
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	✔

T				✔
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		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.08553576		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50195.6016		
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_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**
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	✔

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	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✔

T					✔
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
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
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	✓

T			✓
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 2.75 (Repeat Count = 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	
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	1.45383477	
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	19	
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	21.1691227	
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.12093002e-008	
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	43754.7461	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.6402266	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.29639792	
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**
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	✔

T					✔
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_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	

TEST DETAILS REPORT

CmMtrCurr_Per3

2016-07-23, 18:21:26+0530

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		✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	6346.29541	6346.29541 ± 0.001	✔

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	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	✓

T				✓
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_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
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	✔

T			✔

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

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

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	✔

T				✔
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

Name	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
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
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_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	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	✔

T					✔
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_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_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	✔

T			✔

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

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_lgc.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
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
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	✓
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	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.4000001	1.39999998 ± 0.0003	✓

T					✓
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 2.83 (Repeat Count = 1)	✓
Name	**Input Value**
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6000

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
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	32658.5
CmMtrCurr_VecuSum_Volt_M_f32	1145.495
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	15
k_MaxCurrOffMtrVel_RadpS_f32	17.4113503
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	1.41879892
k_MtrCurrOffLoComOff_Cnt_u16	1450
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.24416041
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_VhSpdValid_Cnt_lgc.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_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	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	✔
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	32658.5	32658.5 ± 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	✔

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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_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**
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	✔

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	✔

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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_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
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7000	7000 ± 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	4.19999981	4.19999981 ± 0.0003	✔
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	166.054993	166.054993 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	110.404999	110.404999 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	✔
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.09375167	2.09375167 ± 0.0003	✔
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.94488144	2.94488144 ± 0.0003	✔

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	✔

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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 2.86 (Repeat Count = 1)		✔
Name	**Input Value**	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6598	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	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	
k_CurrOffNoofAvg_Cnt_u16	65	
k_MaxCurrOffMtrVel_RadpS_f32	0.478582621	
k_MtrCurrEOLMaxOffset_Volts_f32	2.5685184	
k_MtrCurrEOLMinOffset_Volts_f32	2.90548134	
k_MtrCurrOffLoComOff_Cnt_u16	587	
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3	
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3	
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	811.331848	
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	19.2174759	
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	8.20184326	
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	23393.5	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.60464764	
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	
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	✔

Name	Actual Value	Expected Value	Result
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	1.70141518 ± 0.0003	✔
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	39016.2383 ± 0.0003	✔
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	0	0 ± 1	✔
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	3 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✔

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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 2.87 (Repeat Count = 1)

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	1.78107488
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	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
CmMtrCurr_VecuSum_Volt_M_f32	1190.01501
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	96.7021332
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	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
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.38115203
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
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	156	156 ± 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	4.25479984	4.25479984 ± 0.0003	✔
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	188.315002	188.315002 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	132.664993	132.664993 ± 0.0003	✔
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	110.404999	110.404999 ± 0.0003	✔
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.58771431	1.58771431 ± 0.0003	✔
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	■
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	

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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_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**
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	✔
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	121.535004	121.535004 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	277.355011	277.355011 ± 0.0003	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	79444.0391	79444.0391 ± 0.001	✔
CmMtrCurr_VecuSum_Volt_M_f32	1201.14502	1201.14502 ± 0.0009765625	✔
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	✔

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	✔

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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_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
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	✔

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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_lgc	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	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	166.054993	
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_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
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	✔

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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_Uls_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	4.69999981	
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_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**
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	✔

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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 2.92 (Repeat Count = 1)		✔
Name	**Input Value**	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	456	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	
CmMtrCurr_CurroffProcessFlag_M_enum	2	
CmMtrCurr_MtrCurr1OffsetHi_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_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_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	
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_lgc.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_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	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	✓

T				✓
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	4.4000001	
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	

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_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
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	✔

T			✔

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

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

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	✔

T			✔
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

Name	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	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.8537457
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.0999999
tgt_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_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	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	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.95220804	1.95220804 ± 0.0003	✔

T			✔
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 2.96 (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

Name	Input Value
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.07448936
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 oltCnt_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 54 ± 0.0003 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_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
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 54 ± 0.0003	2.88888454 ± 0.0503 0.0003	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32			

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_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
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	✔

T				✔
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	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	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	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	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	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_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
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	✔
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	✔
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	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	✔

T				✔
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_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	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_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**
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	✔

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	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.91193855	1.91193855 ± 0.0003	✔

T					✔
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	895
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_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
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	✔

T					✔
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_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	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	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	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			
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_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**
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	✓

T					✓
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 2.103 (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_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_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**
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	✔

T			✔
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 2.104 (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	36546.3008
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

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	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	✔

T			✔
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	1227 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_MtrCurrEOLMaxOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_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_MtrCurr1OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_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 < FLT_EPSILON)=False &&
(VhSpdValid_Cnt_T_lgc == 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_MtrCurrEOLMinOffset_Volts_f32)=True &&
(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_MtrCurrEOLMaxOffset_Volts_f32)=True&&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32)=True&&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=False)"
TC3.13   "((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_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_MtrCurrEOLMaxOffset_Volts_f32)=True&&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32)=False &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32))"
TC3.14   "((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_MtrCurrEOLMinOffset_Volts_f32)=False&&
(CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32))"
TC3.15   Case Else= True

Test 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

Name	Input Value
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	0
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	-20
k_MtrCurrEOLMaxOffset_Volts_f32	1
k_MtrCurrEOLMinOffset_Volts_f32	1
k_MtrCurrOffLoComOff_Cnt_u16	550
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_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
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	✔

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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 3.2 (Repeat Count = 1)		✔
Name	**Input Value**	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	

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	3
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	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_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
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2	2 ± 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	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	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	✔
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	80000	80000 ± 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	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	✔

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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 3.3 (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
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	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	2.81365776
k_MtrCurrEOLMinOffset_Volts_f32	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_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
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	✔
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	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	✔

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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 3.4 (Repeat Count = 1)	✔
Name	**Input Value**
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4
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	

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	✔

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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_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**
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	✔

T					✔
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 3.6 (Repeat Count = 1)		✔
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_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
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	✔

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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 3.7 (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_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**
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7	7 ± 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	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	

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	✔

T				✔
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

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_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_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	✔
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0.065242514	0.065242514 ± 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	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	17117.4668	17117.4668 ± 0.001	✔
CmMtrCurr_VecuSum_Volt_M_f32	359.186188	359.186188 ± 0.0009765625	✔
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	950	950 ± 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	✔

T			✔
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 3.10 (Repeat Count = 1)	✔
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

Name	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	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_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_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	✔

T				✔
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)		✔
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	

Name	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	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_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_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	✔

T				✔
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

Name	Input Value
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457
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	3.40498996
k_MtrCurrEOLMaxOffset_Volts_f32	2
k_MtrCurrEOLMinOffset_Volts_f32	1.20024276
k_MtrCurrOffLoComOff_Cnt_u16	1100
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_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
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	✔

T			✔

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

CmMtrCurr_Per3

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_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
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2	2 ± 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	1	1	✔
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	377.524994	377.524994	✔
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	✔

T				✔
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 3.14 (Repeat Count = 1)		✔
Name	**Input Value**	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	

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	1.20000005
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
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
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	✔
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5	1.5	✔
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	2	✔
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.34302044	2.34302044	✔
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.61692572	1.61692572	✔
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.6369369	2.6369369	✔
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.38367915	1.38367915	✔
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1	1	✔
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2	2	✔
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.69245267	2.69245267	✔
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.64579737	1.64579737	✔
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.93037891	2.93037891	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	20898.541	20898.541	✔
CmMtrCurr_VecuSum_Volt_M_f32	388.654999	388.654999	✔
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	✔

T				✔
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_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
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	✔
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	✔
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	65784.1328	65784.1328	✔
CmMtrCurr_VecuSum_Volt_M_f32	0	0	✔
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	✔

T				✔
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	✔

Project	CmMtrCurr1
Module	CmMtrCurr_MTRCURRPHASEBA_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	$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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_MTRCURRPHASEBA_ON	**************************************Unit Test Information************************************** 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 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 :- 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: TS1.1 526.00 Cycles TS1.2 602.00 Cycles
Description	VECTOR DESCRIPTION: TS1.1 Shortest Execution Path==> ((Rte_Pim_ShCurrCal()->EOLMtrCurrVcalCmd_VoltCnts_f32) >= D_MINVCALCMD_CNT_F32) = True TS1.2 Longest Execution Path==> ((Rte_Pim_ShCurrCal()->EOLMtrCurrVcalCmd_VoltCnts_f32) >= D_MINVCALCMD_CNT_F32) = False

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.117600001		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	102.382797		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30761.5977		
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	0.723786235 ± 0.000009	✔
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242001e-005 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242001e-005 ± 0.00001	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0588000007		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	51.1913986		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	9601.02148		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.40897918		
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	0.474439561 ± 0.000009	✔
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✔

Test Case 2: Range Test ✓

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

CPU Cycles:

TS2.1    124.00 Cycles
TS2.2    613.00 Cycles
TS2.3    568.00 Cycles
TS2.4    563.00 Cycles
TS2.5    547.00 Cycles
TS2.6    531.00 Cycles
TS2.7    510.00 Cycles
TS2.8    558.00 Cycles
TS2.9    474.00 Cycles
TS2.10   526.00 Cycles
TS2.11   526.00 Cycles
TS2.12   124.00 Cycles
TS2.13   474.00 Cycles
TS2.14   514.00 Cycles
TS2.15   574.00 Cycles
TS2.16   574.00 Cycles
TS2.17   558.00 Cycles
```

Description   VECTOR DESCRIPTION:

TS2.1 All Min
TS2.2 All Max
TS2.3 Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32==>Min
TS2.4 Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32==>Max
TS2.5 Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_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 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 2.2 (Repeat Count = 1) ✓

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.999984741
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	882.542419
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	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.999984741	0.999984741 ± 0.000009	✓
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.75000018e-005	3.75000018e-005 ± 0.00001	✓
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.75000018e-005	3.75000018e-005 ± 0.00001	✓

Test Step 2.3 (Repeat Count = 1) ✓

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0588000007
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	51.1913986
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	9601.02148
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1

Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.40897918		
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	0.474439561 ± 0.000009	✓
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✓
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✓

Test Step 2.4 (Repeat Count = 1) ✓

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.117600001
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	102.382797
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30761.5977
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	0.723786235 ± 0.000009	✓
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242001e-005 ± 0.00001	✓
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242001e-005 ± 0.00001	✓

Test Step 2.5 (Repeat Count = 1) ✓

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.176400006
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	153.574203
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	39424.3242
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.5
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.78877461
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	0.854832947 ± 0.000009	✓
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.34126263e-005	6.34126263e-005 ± 0.00001	✓
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.53723587e-005	4.53723987e-005 ± 0.00001	✓

Test Step 2.6 (Repeat Count = 1) ✓

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.235200003
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	204.765594
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72006.2109
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.80789995
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	0.923705935	0.923705935 ± 0.000009	✓
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.89952475e-005	3.89952002e-005 ± 0.00001	✓
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.38876912e-005	1.38877003e-005 ± 0.00001	✓

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	255.957001
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	13553.04
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.65339994
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	0.959902883 ± 0.000009	✓
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✓
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✓

Test Step 2.8 (Repeat Count = 1)   ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.352800012
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	307.148407
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	66035.0391
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.38520002
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	0.978926539 ± 0.000009	✔
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.61202183e-005	3.61202001e-005 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.78586883e-005	3.78586883e-005 ± 0.00001	✔

Test Step 2.9 (Repeat Count = 1)   ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.411599994
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	358.339813
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.94779992
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.51845908
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	0.988924623 ± 0.000009	✔
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✔

Test Step 2.10 (Repeat Count = 1)   ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.470400006
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	409.531189
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.25469995
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.85893345
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	0.994179189 ± 0.000009	✔
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	1.56837486e-005	1.56837996e-005 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.57366698e-005	3.57366989e-005 ± 0.00001	✔

Test Step 2.11 (Repeat Count = 1)   ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.529200017
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	460.722595
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	49634.3672
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.1954
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.8202374
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	0.996940851 ± 0.000009	✔
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.40841182e-005	2.40841e-005 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.68202558e-005	5.68202995e-005 ± 0.00001	✔

Test Step 2.12 (Repeat Count = 1)   ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.588
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr

Name	Input Value		
k_CurrCorrErrFiltFc_Hz_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	7272.27295		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.53009999		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.62580001		
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 2.13 (Repeat Count = 1)   ✔

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.646799982		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	882.542419		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	14544.5459		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.66919994		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.77359998		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.999984741	0.999984741 ± 0.000009	✔
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✔

Test Step 2.14 (Repeat Count = 1)   ✔

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.705600023		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	1.79534292		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	21816.8184		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.80830002		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.92139995		
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	8.28855991e-005 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	8.8069668e-005	8.80696971e-005 ± 0.00001	✔

Test Step 2.15 (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	767.870972		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	65450.4531		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.64289999		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.80819988		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.999935508	0.999935508 ± 0.000009	✔
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.03801641e-005	4.03802005e-005 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.29057363e-005	4.29057e-005 ± 0.00001	✔

Test Step 2.16 (Repeat Count = 1) ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.999984741
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	819.062378
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72722.7266
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.78200006
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.95600009
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	0.999966145 ± 0.000009	✔
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.82548933e-005	3.82549006e-005 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.0647541e-005	4.0647501e-005 ± 0.00001	✔

Test Step 2.17 (Repeat Count = 1) ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.584779978
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	870.253784
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	79995
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.9210999
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.97869992
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	0.999982178 ± 0.000009	✔
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.65160304e-005	3.65160013e-005 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.72360773e-005	3.72360992e-005 ± 0.00001	✔

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	0.117600001
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	102.382797
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30761.5977
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	0.723786235 ± 0.000009	✔
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242001e-005 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	9.75241928e-005	9.75242001e-005 ± 0.00001	✔

Test Step 3.2 (Repeat Count = 1) ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.411599994
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrCorrErrFiltFc_Hz_f32	358.339813
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.94779992
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.51845908
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	0.988924623 ± 0.000009	✔

Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✔
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	✔

Project	CmMtrCurr1
Module	CmMtrCurr_MTRCURRPHASEBA_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	$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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_MTRCURRPHASEBA_ON	***************************************Unit Test Information***************************************
	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 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 :- 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:

TS1.1  2382.00cycles
TS1.2  2244.00cycles
```

Description   VECTOR DESCRIPTION:

TS1.1   Shortest Execution Path==> (Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = True
TS1.2   Longest Execution Path==> (Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32) = False

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	53.1758003
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0476000011
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	1.51161659
k_CurrOffGainKn_Cnt_u16	23944
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.536371946
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.69347405
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.81864655
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-62.9746094
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	167.459839
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	42.1503754	42.1503754 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.09985352	2.09985352 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.79187012	3.79187012 ± 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	✔

T				✔

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	-132.939499
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.595000029
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	43.4733124
k_CurrOffGainKn_Cnt_u16	26553
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.92788434
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.00496554
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	120.274055
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-150.961716
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

Name	Input Value		
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	17.7311745 ± 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	✔

tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		

Test Case 2: Range Test ✔

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

CPU Cycles:

TC2.1	2018Cycles
TC2.2	2197Cycles
TC2.3	2102Cycles
TC2.4	2262Cycles
TC2.5	2221Cycles
TC2.6	2179Cycles
TC2.7	2190Cycles
TC2.8	2139Cycles
TC2.9	2090Cycles
TC2.10	2169Cycles
TC2.11	2125Cycles
TC2.12	2182Cycles
TC2.13	2108Cycles
TC2.14	2076Cycles
TC2.15	2162Cycles
TC2.16	2170Cycles
TC2.17	2201Cycles
TC2.18	2238Cycles
TC2.19	2190Cycles
TC2.20	2175Cycles
TC2.21	2102Cycles
TC2.22	2114Cycles
TC2.23	2102Cycles
TC2.24	2190Cycles
TC2.25	2114Cycles
TC2.26	2188Cycles
TC2.27	2148Cycles
TC2.28	2106Cycles
TC2.29	2146Cycles
TC2.30	2216Cycles
TC2.31	2130Cycles
TC2.32	2147Cycles
TC2.33	2156Cycles
TC2.34	2106Cycles
TC2.35	2088Cycles
TC2.36	2088Cycles
TC2.37	2151Cycles
TC2.38	2147Cycles
TC2.39	2100Cycles
TC2.40	2168Cycles
TC2.41	2114Cycles
TC2.42	2144Cycles
TC2.43	2220Cycles
TC2.44	2188Cycles

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
TS2.18 MtrCurrK2_Amp_f32==>Neg
TS2.19 ADCMtrCurr1_Volts_f32==>Min
TS2.20 ADCMtrCurr1_Volts_f32==>Max
TS2.21 ADCMtrCurr1_Volts_f32==>Pos
TS2.22 ADCMtrCurr2_Volts_f32==>Min
TS2.23 ADCMtrCurr2_Volts_f32==>Max
TS2.24 ADCMtrCurr2_Volts_f32==>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==>Max
TS2.30 k_CurrOffGainKn_Cnt_u16==>Pos/Default
TS2.31 MtrCurr2LpFltrSV_Volts_M_u3p29==>Min
TS2.32 MtrCurr2LpFltrSV_Volts_M_u3p29==>Max
TS2.33 MtrCurr2LpFltrSV_Volts_M_u3p29==>Pos
TS2.34 k_CurrCorrErrThresh_Amps_f32==>Min/Default
TS2.35 k_CurrCorrErrThresh_Amps_f32==>Max
TS2.36 k_CurrCorrErrThresh_Amps_f32==>Pos
TS2.37 CurrCorrDiagKSV_M_str.SV==>Min
TS2.38 CurrCorrDiagKSV_M_str.SV==>Max
TS2.39 CurrCorrDiagKSV_M_str.SV==>Zero
TS2.40 CurrCorrDiagKSV_M_str.SV==>Pos
TS2.41 CurrCorrDiagKSV_M_str.SV==>Neg
TS2.42 CurrCorrDiagKSV_M_str.K==>Min
TS2.43 CurrCorrDiagKSV_M_str.K==>Max
TS2.44 CurrCorrDiagKSV_M_str.K==>Pos

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
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
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	-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	✔

T ✔

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	0.999984741
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_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	219.978882	219.978912 ± 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	✔
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔

T				✓
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 2.3 (Repeat Count = 1) ✓

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	26.5879002
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0238000005
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	12.01546
k_CurrOffGainKn_Cnt_u16	24884
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.10634041
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.74261236
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	-113.851982
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	23.0550194	23.0550194 ± 0.001	✓
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.0402832	2.0402832 ± 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	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓

T				✓
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 2.4 (Repeat Count = 1) ✓

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	53.1758003
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0476000011
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	1.51161659
k_CurrOffGainKn_Cnt_u16	23944
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.536371946
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.69347405
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.81864655
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-62.9746094
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	167.459839
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	42.1503754	42.1503754 ± 0.001	✓
			✓

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Name	Actual Value	Expected Value	Result
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.09985352	2.09985352 ± 32	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.79187012	3.79187012 ± 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	✔

T				✔

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	79.7637024
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0714000016
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	13.7331686
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	24.0062561
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-162.827972
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	82.4870529	82.4870529 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.37365723	1.37365723 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.08410645	4.08410645 ± 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	✔

T				✔

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	106.351601
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0952000022
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	3.21194029
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	57.8244247
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	85.995018

Name	Input Value		
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	86.38237	86.38237 ± 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	✔

T				✔

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)			✔
Name	**Input Value**		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	132.939499		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.119000003		
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	34.8454857		
k_CurrOffGainKn_Cnt_u16	8222		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.86731339		
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	-193.109467		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-176.977707		
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	147.949432	147.949432 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.60693359	4.60693359 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.39111328	4.39111328 ± 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	✔
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔

T				✔

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	159.527405	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.142800003	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2147483648	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2684354560	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	

Name	Input Value
k_CurrCorrErrThresh_Amps_f32	21.3016624
k_CurrOffGainKn_Cnt_u16	60584
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.53049707
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	77.2116165
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-124.013275
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	122.040199	122.040199 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.07556152	3.07556152 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.79248047	1.79248047 ± 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)	1	1	✔

T			✔
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 2.9 (Repeat Count = 1)   ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	186.115295
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.166600004
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	12.3355026
k_CurrOffGainKn_Cnt_u16	13034
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.89603114
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	-46.0492287
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	189.723221	189.723236 ± 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	✔
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	✔

T			✔
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 2.10 (Repeat Count = 1) ✓

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	212.703201
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.190400004
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	23.8196144
k_CurrOffGainKn_Cnt_u16	16051
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.58795404
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	142.857925
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	214.363541	214.363541 ± 0.001	✓
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.89904785	1.89904785 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.92077637	2.92077637 ± 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	✓

T ✓

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	176.503418
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.214200005
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	39.5672913
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	109.150772
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-101.753723
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	157.174316	157.174332 ± 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	✓

T					✔
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 0)			✔
Name			
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-124.013275		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.238000005		
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	42.5367241		
k_CurrOffGainKn_Cnt_u16	1022		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.41063404		
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	79.1892929		
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		
	Actual Value	**Expected Value**	**Result**
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-75.7079468	-75.7079468 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.95959473	4.95959473 ± 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	✔
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔

T					✔
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	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	✔

T					✔
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	205.884918
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.285600007
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	23.0402622
k_CurrOffGainKn_Cnt_u16	46642
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.84698057
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	-1.49260986
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
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	160.435898	160.435928 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.46765137	2.46765137 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.22045898	1.22045898 ± 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	✔

T					✔
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	164.269547
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.309399992
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	13.031085
k_CurrOffGainKn_Cnt_u16	18790
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.5971663
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.02461219
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	209.150772
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_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	191.095016	191.095016 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.88439941	2.88439941 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.00695801	2.00695801 ± 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	✔

T				✔
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	10.5567312
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.333200008
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	17.5181484
k_CurrOffGainKn_Cnt_u16	20757
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.47857809
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.591161489
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	119.292099
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	99.1507721
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	-44.2701263	-44.2701263 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.63342285	1.63342285 ± 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	✔

T				✔
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	67.0593872
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.356999993
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr

Name	Input Value
k_CurrCorrErrThresh_Amps_f32	39.2408562
k_CurrOffGainKn_Cnt_u16	9765
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.260634184
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.42698312
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-52.158802
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	24.4984951 ± 0.001	✓
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.0388183594	0.0388183594 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.361572266	0.361572266 ± 32	✓
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	20848275	20848275 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	194137965	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	✓

T					✓
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	-18.6036739
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.380800009
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	43.8335342
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	-6.287848
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-193.109467
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	40.3145828	40.3145981 ± 0.001	✓
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.58898926	3.58898926 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.48376465	1.48376465 ± 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	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓

T					✓
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	-150.961716
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.404599994
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	8.83558655
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	21.2320423
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	176.503418
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	-161.204041	-161.204041 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.0456543	1.0456543 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.43139648	1.43139648 ± 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	✔

T ✔

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	63.5916023
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.42840001
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	21.3016624
k_CurrOffGainKn_Cnt_u16	60584
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.53049707
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	77.2116165
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-124.013275
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	-7.77110672	-7.77110004 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.07556152	3.07556152 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.79248047	1.79248047 ± 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	✔

T				✔
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_Uls_f32	50.1815834	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.452199996	
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	16.0492477	
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	-203.157333	
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	213.124634	
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	-64.3875122	-64.3875198 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.0975341797	0.0975341797 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.85900879	4.85900879 ± 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	✔

T				✔
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 2.22 (Repeat Count = 1)		✔
Name	**Input Value**	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	156.599319	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.476000011	
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	8.68155479	
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	65.6777344	
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	205.884918	
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	101.157906	101.15789 ± 0.001	✔
			✔

Name	Actual Value	Expected Value	Result
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.28991699	2.28991699 ± 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	✔

T			✔
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	-26.5879002
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.499799997
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	33.2219505
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	176.675385
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	164.269547
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	74.9952164	74.9952164 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.69763184	4.69763184 ± 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	✔

T			✔
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	-53.1758003
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.523599982
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	1.38626862
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	-69.8886566
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	10.5567312

Name	Input Value
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	-45.9264488	-45.9264565 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.24316406	1.24316406 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.05529785	2.05529785 ± 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	✔

T				✔
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 (Repeat Count = 1)		✔
Name	**Input Value**	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-79.7637024	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.547399998	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	0	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2147483648	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	

Name	Input Value
k_CurrCorrErrThresh_Amps_f32	26.3857727
k_CurrOffGainKn_Cnt_u16	50983
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.92261362
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	-32.3394508
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-18.6036739
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	-58.5432968	-58.5433121 ± 0.001	✓
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.60595703	2.60595703 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.77783203	2.77783203 ± 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	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓

T			✓

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	-132.939499
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.595000029
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	43.4733124
k_CurrOffGainKn_Cnt_u16	26553
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.92788434
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.00496554
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	120.274055
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-150.961716
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	17.7312012	17.7311745 ± 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	✓

T			✓

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	-159.527405
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.618799984
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	47.005188
k_CurrOffGainKn_Cnt_u16	0
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.21622896
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-62.0760345
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	63.5916023
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	-99.2282715	-99.2282715 ± 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	✔

T ✔

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	-186.115295
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	34.5885811
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	-38.3095245
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	50.1815834
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	-56.8425293	-56.8425522 ± 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	✔

T				
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	-212.703201
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.666400015
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	48.6138496
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	109.679703
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	156.599319
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	6.6769104	6.67689991 ± 0.001	✓
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.90026855	4.02636719 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.04455566	1.43579102 ± 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	✓

T				
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	-58.029438
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.690199971
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	9.27418709
k_CurrOffGainKn_Cnt_u16	21237
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.58795404
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.87979484
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	-27.4667473
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-58.029438
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	-26.3629303	-26.3629189 ± 0.001	✓
			✓

Name	Actual Value	Expected Value	Result
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.19042969	1.19042969 ± 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	✔

T					✔
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	-196.57901
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.713999987
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	13.8972406
k_CurrOffGainKn_Cnt_u16	4522
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.92795682
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.1825614
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	97.4464111
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-196.57901
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	-210.370193	-210.370209 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.92590332	1.92590332 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.80554199	4.80554199 ± 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	✔

T					✔
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)   ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	3.06476951
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.737800002
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	43.7783852
k_CurrOffGainKn_Cnt_u16	19622
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.41063404
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.50643945
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	3.47298574
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	3.06476951

Name	Input Value		
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	3.36573434	3.36573458 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.22460938	4.22460938 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.2532959	3.2532959 ± 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	✔

T				✔

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	15.1601372		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.833000004		
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	1.74298286		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-79.3352432		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	15.1601372		
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	-63.5557289	-63.5557251 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.98669434	1.98669434 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.4576416	2.4576416 ± 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	✔
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔

T				✔

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	-207.033417
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.85680002
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1073741824
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	536870912
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr

Name	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	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	130.770233
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-207.033417
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	82.4137878	82.4137497 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.23095703	1.23095703 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.53222656	2.53222656 ± 32	✔
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	660915204	660915204 ± 1	✔
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1359511552	1359511552 ± 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	✔

T			✔
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 2.36 (Repeat Count = 1) ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	96.1475372
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.880599976
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	26.3857727
k_CurrOffGainKn_Cnt_u16	46738
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.43182087
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.29319811
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-143.090927
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	96.1475372
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	-114.533981	-114.533974 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.59472656	2.59472656 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.20898438	2.20898438 ± 32	✔
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1393047346	1393047346 ± 1	✔
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1185959762	1185959762 ± 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	✔

T			✔
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 2.37 (Repeat Count = 1) ✔

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-220
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.904399991
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	8.83558655
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	0.115699999
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	209.150772
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	67.0593872
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	-96.2152176	-96.2152328 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.28820801	3.28820801 ± 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	✔

T ✔

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	0.928200006
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	21.3016624
k_CurrOffGainKn_Cnt_u16	18790
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.92261362
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.53049707
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.591161489
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.231399998
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	119.292099
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-18.6036739
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	80.051651	80.0516663 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.11755371	4.11755371 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.29187012	3.29187012 ± 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	✔

T				✓
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_Uls_f32	0.952000022
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	16.0492477
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	0.34709999
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-52.158802
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-150.961716
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	-89.3500671	-89.3501587 ± 0.001	✓
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.02685547	3.02685547 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.58898926	3.58898926 ± 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	✓

T				✓
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	63.5916023
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.975799978
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	8.68155479
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	0.462799996
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-6.287848
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	63.5916023
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	26.787365	26.7873535 ± 0.001	✓
			✓

Name	Actual Value	Expected Value	Result
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3	3 ± 32	
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.80273438	3.80273438 ± 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	✔

	T				✔
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)		✔
Name	**Input Value**	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-169.648697	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.999599993	
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	33.2219505	
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	0.578499973	
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	21.2320423	
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	50.1815834	
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	33.6289978	33.6289787 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.44287109	1.44287109 ± 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	✔

	T				✔
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	-51.3600006	
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	0.694199979	
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	77.2116165	
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	156.599319	

Name	Input Value
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	-51.3600006	-51.3600006 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.776855469	0.776855469 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.47741699	1.47741699 ± 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	✔

T					✔
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	45.6899986
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.999984741
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	38.5240631
k_CurrOffGainKn_Cnt_u16	60584
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.84698057
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.02461219
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.809899986
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-203.157333
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-58.029438
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	-20.6795006	-20.6795158 ± 0.001	✔
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.70727539	1.70727539 ± 32	✔
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.94702148	1.94702148 ± 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	✔

T					✔
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	0.368999988
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.548699975
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr

Name	Input Value
k_CurrCorrErrThresh_Amps_f32	26.3857727
k_CurrOffGainKn_Cnt_u16	2558
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.5971663
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	2.47857809
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.819194317
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.925599992
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	65.6777344
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-196.57901
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	106.793259	106.793236 ± 0.001	✓
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.06225586	1.06225586 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.0966796875	0.0966796875 ± 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	✓

T			✓

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  ( Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32 )T
TS3.2  ( Abs_f32_m(FiltCurrCorrDiag_Amps_T_f32) > k_CurrCorrErrThresh_Amps_f32 )F
```

Test Step 3.1 (Repeat Count = 1)   ✓

Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	132.939499
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.119000003
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	34.8454857
k_CurrOffGainKn_Cnt_u16	8222
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	1.86731339
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	-193.109467
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-176.977707
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	147.949432	147.949432 ± 0.001	✓
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.60693359	4.60693359 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.39111328	4.39111328 ± 32	✓
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2473353374	2473353374 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	2357464284	2357464284 ± 1	✓

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	✔

T				✔
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	-132.939499
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.595000029
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	43.4733124
k_CurrOffGainKn_Cnt_u16	26553
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	0.92788434
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.00496554
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.999984741
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	120.274055
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-150.961716
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	17.7312012	17.7311745 ± 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	✔

T				✔
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 DETAILS REPORT

CurrDQPer1

Project	CmMtrCurr1
Module	CmMtrCurr_MTRCURRPHASEBA_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	$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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_MTRCURRPHASEBA_ON	**Unit Test Information**
	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 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 :- 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 1010 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 && MtrCurrFinalQax_Amps_T_f32 = Limit_m(MtrCurrQax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32)==>True TC1.2 Longest 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)==>False && MtrCurrFinalDax_Amps_T_f32 = Limit_m(MtrCurrDax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32) (MtrCurrFinalDax_Amps_T_f32<=-220)False==>False && MtrCurrFinalQax_Amps_T_f32 = Limit_m(MtrCurrQax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32)(MtrCurrFinalQax_Amps_T_f32<=-220)==>True

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	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
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	4.35599995
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]	0.994171143	0.994171143 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.487000763	0.487000793 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	220	220 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	7090.78613	7090.78564 ± 32	✔

Name	Actual Value	Expected Value	Result
CDD_MtrCurrK2_Amps_G_f32[0]	220	220 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	0	0 ± 32	✓
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	✓

Test Step 1.2 (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		
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	2.09999998e-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	0.000199999995		
k_NoofPoles_Uls_f32	3.25		
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]	0.00400000019	0.00400000019 ± 0.0000152587890625	✓
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.169616699	0.169616699 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.0458575003	0.0458575003 ± 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 ± 0.03	✓
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✓
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 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	92.7710114	92.7709961 ± 32	✓
CDD_MtrCurrQax_Amp_G_f32[0]	-120.000511	-120.000511 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✓

Test Case 2: Range Test ✔

Test Case 2: Range Test

Specification

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

CPU Cycles:

TC2.1      951 Cycles
TC2.2     1008 Cycles
TC2.3      911 Cycles
TC2.4      965 Cycles
TC2.5      924 Cycles
TC2.6      951 Cycles
TC2.7      906 Cycles
TC2.8      931 Cycles
TC2.9      911 Cycles
TC2.10     931 Cycles
TC2.11     888 Cycles
TC2.12     888 Cycles
TC2.13     888 Cycles
TC2.14     888 Cycles
TC2.15     911 Cycles
TC2.16     888 Cycles
TC2.17     888 Cycles
TC2.18     972 Cycles
TC2.19     911 Cycles
TC2.20     906 Cycles
TC2.21     898 Cycles
TC2.22     906 Cycles
TC2.23     906 Cycles
TC2.24     904 Cycles
TC2.25     939 Cycles
TC2.26     922 Cycles
TC2.27     906 Cycles
TC2.28     931 Cycles
TC2.29     942 Cycles
TC2.30     922 Cycles
TC2.31     906 Cycles
TC2.32     960 Cycles
TC2.33     906 Cycles
TC2.34     922 Cycles
TC2.35     931 Cycles
TC2.36     925 Cycles
TC2.37     926 Cycles
TC2.38     925 Cycles
TC2.39     926 Cycles
TC2.40     925 Cycles
TC2.41     937 Cycles
TC2.42     945 Cycles
TC2.43     933 Cycles
TC2.44     906 Cycles
TC2.45     938 Cycles
TC2.46     888 Cycles
TC2.47     898 Cycles
TC2.48     862 Cycles
TC2.49     906 Cycles
TC2.50     917 Cycles
TC2.51     949 Cycles
TC2.52     939 Cycles
TC2.53     946 Cycles
TC2.54     887 Cycles
TC2.55     946 Cycles
TC2.56     906 Cycles
TC2.57     904 Cycles
TC2.58     906 Cycles
TC2.59     927 Cycles
TC2.60     894 Cycles
TC2.61     898 Cycles
TC2.62     917 Cycles
TC2.63     952 Cycles
TC2.64     900 Cycles
TC2.65     906 Cycles
TC2.66     879 Cycles
TC2.67     901 Cycles
TC2.68     946 Cycles
TC2.69     901 Cycles
TC2.70     883 Cycles
TC2.71     933 Cycles
TC2.72     906 Cycles
TC2.73     938 Cycles
TC2.74     945 Cycles
TC2.75     939 Cycles
TC2.76     928 Cycles
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Description	VECTOR DESCRIPTION:

TS2.1All Min
TS2.2All Max
TS2.3k_MtrPosComputDelay_Sec_f32=Min
TS2.4k_MtrPosComputDelay_Sec_f32=Max
TS2.5k_MtrPosComputDelay_Sec_f32=Pos/Default
TS2.6Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32=Min
TS2.7Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32=Max
TS2.8Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32=Pos
TS2.9Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32=Min
TS2.10Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32=Max
TS2.11Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32=Pos
TS2.12Rte_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32=Min
TS2.13Rte_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32=Max
TS2.14Rte_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32=Pos
TS2.15Rte_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32=Min
TS2.16Rte_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32=Max
TS2.17Rte_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32=Pos
TS2.18CDD_MRFMtrVel_MtrRadpS_G_f32[2]=Min
TS2.19CDD_MRFMtrVel_MtrRadpS_G_f32[2]=Max
TS2.20CDD_MRFMtrVel_MtrRadpS_G_f32[2]=Zero
TS2.21CDD_MRFMtrVel_MtrRadpS_G_f32[2]=Pos
TS2.22CDD_MRFMtrVel_MtrRadpS_G_f32[2]=Neg
TS2.23CDD_AppDataFwdPthAccessBfr_Cnt_G_u16=Min
TS2.24CDD_AppDataFwdPthAccessBfr_Cnt_G_u16=Max
TS2.25CDD_AppDataFwdPthAccessBfr_Cnt_G_u16=Pos
TS2.26CDD_Vecu_Volt_G_f32[2]=Min
TS2.27CDD_Vecu_Volt_G_f32[2]=Max
TS2.28CDD_Vecu_Volt_G_f32[2]=Pos
TS2.29Adc2_GetPhsBCurr_Cnt_u16_m=Min
TS2.30Adc2_GetPhsBCurr_Cnt_u16_m=Max
TS2.31Adc2_GetPhsBCurr_Cnt_u16_m=Pos
TS2.32Adc2_GetPhsCCurr_Cnt_u16_m=Min
TS2.33Adc2_GetPhsCCurr_Cnt_u16_m=Max
TS2.34Adc2_GetPhsCCurr_Cnt_u16_m=Pos
TS2.35CDD_MtrCurr1TempOffset_Volt_G_f32[2]=Min
TS2.36CDD_MtrCurr1TempOffset_Volt_G_f32[2]=Max
TS2.37CDD_MtrCurr1TempOffset_Volt_G_f32[2]=Zero
TS2.38CDD_MtrCurr1TempOffset_Volt_G_f32[2]=Pos
TS2.39CDD_MtrCurr1TempOffset_Volt_G_f32[2]=Neg
TS2.40CDD_MtrCurr2TempOffset_Volt_G_f32[2]=Min
TS2.41CDD_MtrCurr2TempOffset_Volt_G_f32[2]=Max
TS2.42CDD_MtrCurr2TempOffset_Volt_G_f32[2]=Zero
TS2.43CDD_MtrCurr2TempOffset_Volt_G_f32[2]=Pos
TS2.44CDD_MtrCurr2TempOffset_Volt_G_f32[2]=Neg
TS2.45CDD_MtrElecPol_Cnt_G_s8=Min
TS2.46CDD_MtrElecPol_Cnt_G_s8=Max
TS2.47MtrPos_CorrectedMtrPos_Rev_G_u0p16=Min
TS2.48MtrPos_CorrectedMtrPos_Rev_G_u0p16=Max
TS2.49MtrPos_CorrectedMtrPos_Rev_G_u0p16=Pos
TS2.50MtrCurr1OffDelta_VoltpVoltCnts_M_f32=Min
TS2.51MtrCurr1OffDelta_VoltpVoltCnts_M_f32=Max
TS2.52MtrCurr1OffDelta_VoltpVoltCnts_M_f32=Pos
TS2.53MtrCurr2OffDelta_VoltpVoltCnts_M_f32=Min
TS2.54MtrCurr2OffDelta_VoltpVoltCnts_M_f32=Max
TS2.55MtrCurr2OffDelta_VoltpVoltCnts_M_f32=Pos
TS2.56CDD_CDDDataAccessBfr_Cnt_G_u16=Min
TS2.57CDD_CDDDataAccessBfr_Cnt_G_u16=Max
TS2.58CDD_CDDDataAccessBfr_Cnt_G_u16=Pos
TS2.59CDD_DCPhsAComp_Cnt_G_u16p0==>Min
TS2.60CDD_DCPhsAComp_Cnt_G_u16p0==>Max
TS2.61CDD_DCPhsAComp_Cnt_G_u16p0==>Pos
TS2.62CDD_DCPhsBComp_Cnt_G_u16p0
TS2.63CDD_DCPhsBComp_Cnt_G_u16p0
TS2.64CDD_DCPhsBComp_Cnt_G_u16p0
TS2.65CDD_DCPhsCComp_Cnt_G_u16p0
TS2.66CDD_DCPhsCComp_Cnt_G_u16p0
TS2.67CDD_DCPhsCComp_Cnt_G_u16p0
TS2.68k_MtrCurrOffLoComOff_Cnt_u16==>Min/Default
TS2.69k_MtrCurrOffLoComOff_Cnt_u16==>Max
TS2.70k_MtrCurrOffLoComOff_Cnt_u16==>Pos
TS2.71CDD_ADC2OffsetComp_Cnt_G_u8p8==>Min
TS2.72CDD_ADC2OffsetComp_Cnt_G_u8p8==>Max
TS2.73CDD_ADC2OffsetComp_Cnt_G_u8p8==>Pos
TS2.74k_NoofPoles_Uls_f328==>Min
TS2.75k_NoofPoles_Uls_f32==>Max/Default
TS2.76k_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

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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	-220	-220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-220	-220 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	18.5268288	18.5268288 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	✔

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
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

Name	Input Value
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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	0	0 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✔

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
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

Name	Input Value
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	4.63432026
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]	0.994796753	0.994796753 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0007644	0.0007644 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00707168272	0.00707168272 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	25.0002556	25.0002556 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	25.0002556	25.0002556 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-11.1876478	-11.1876431 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	63.0002556	63.0002556 ± 0.03	✔

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
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	2.09999998e-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	0.000199999995
k_NoofPoles_Uls_f32	2.05782723
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.79999995
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	60.0999985
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	77.0999985

Name	Input Value		
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	✓
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.166946411	0.166946411 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.0290359426	0.0290359426 ± 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 ± 0.03	✓
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✓
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 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	92.7710114	92.7709961 ± 32	✓
CDD_MtrCurrQax_Amp_G_f32[0]	-120.000511	-120.000511 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✓

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		
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	5.05101204		
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	2.29999995		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		

Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00238037109	0.00238037109 ± 0.0000152587890625	✓
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00127400004	0.00127400004 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.0296090338	0.0296090338 ± 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	✓

Name	Actual Value	Expected Value	Result
CDD_MtrCurrDax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	125.000763	125.000763 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	125.000763	125.000763 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	3.23589087	3.2358861 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	198.000763	198.000763 ± 0.03	✔

Test Step 2.6 (Repeat Count = 1)			✔

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
k_MtrCurrOffLoComOff_Cnt_u16	700
k_MtrPosComputDelay_Sec_f32	0.000110000001
k_NoofPoles_Uls_f32	4.98552084
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]	0.00600000005	0.00600000005 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.172531128	0.172531128 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0389780477	0.0389780477 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	129.019897	129.019897 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	71.3222275	71.3222275 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-180.001022	-180.001022 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	91.3143768	91.3143768 ± 0.03	✔

Test Step 2.7 (Repeat Count = 1)

Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	673
Adc2_GetPhsCCurr_Cnt_u16_m	494

Name	Input Value
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]	-0.00499999989
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	5.99999985e-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	4.24585629
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	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00800000038	0.00800000038 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.176620483	0.176620483 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0395204276	0.0395204313 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	130.958954	130.958954 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	24.0707855	24.0707951 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-140.001526	-140.001526 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	209.518616	209.518616 ± 0.03	✔

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]	0.00899999961	
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]	-0.0189999994	
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]	-0.00400000019	

Name	Input Value
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00300000003
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	2.59999997e-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	3.36197019
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]	0.0102539063	0.0102539063 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0022932	0.0022932 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0287641771	0.0287641771 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	0.792429805	0.792429805 ± 32	✔
CDD_MtrCurr1_Volts_G_f32[1]	2.00178361	2.00178361 ± 32	✔
CDD_MtrCurr2_Volts_G_f32[0]	0.56410259	0.56410259 ± 32	✔
CDD_MtrCurr2_Volts_G_f32[1]	1.00178361	1.00178361 ± 32	✔
CDD_MtrCurrDax_Amp_G_f32[0]	12.5498552	12.549861 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	198.001785	198.001785 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	198.001785	198.001785 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	4.14875698	4.14876032 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	25.0017834	25.0017834 ± 0.03	✔

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]	0.00999999978
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

Name	Input Value
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	4.78002453
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

Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00999999978	0.00999999978 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.182556152	0.182556152 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0517138951	0.0517138913 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	1.00203836	1.00203836 ± 32	✔
CDD_MtrCurr1_Volts_G_f32[1]	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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	196.036484	196.036514 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	116.295929	116.295944 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-200.002045	-200.002045 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	151.755646	151.755676 ± 0.03	✔

Test Step 2.11 (Repeat Count = 1) ✔

Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	737
Adc2_GetPhsCCurr_Cnt_u16_m	542
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	6.29999995e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6095
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	950
k_MtrPosComputDelay_Sec_f32	0.000159999996

Name	Input Value		
k_NoofPoles_Uls_f32	3.34244037		
tgt_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	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0148773193	0.0148773193 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00280279992	0.00280279992 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0326957516	0.0326957516 ± 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]	163.545898	163.545898 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	120.002296	120.002296 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	172.198914	172.198914 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	25.0022926	25.0022926 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-84.6491928	-84.6491852 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	120.002296	120.002296 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	100.352829	100.352821 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	125.002296	125.002296 ± 0.03	✔

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]	-0.00100000005		
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	6.39999998e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6226		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	1000		
k_MtrPosComputDelay_Sec_f32	0.000169999999		
k_NoofPoles_Uls_f32	3.50456953		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.29999995		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	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
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0120000001	0.0120000001 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0185546875	0.0185546875 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0432831869	0.0432831869 ± 0.0000152587890625	✔

Name	Actual Value	Expected Value	Result
CDD_MtrCurr1_Volts_G_f32[0]	2.00254798	2.00254798 ± 32	✔
CDD_MtrCurr1_Volts_G_f32[1]	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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	140.39772	140.397705 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-80.9582214	-80.9582214 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-160.002548	-160.002548 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	97.95401	97.95401 ± 0.03	✔

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	5.22677374		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.39999998		
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]	0.0228271484	0.0228271484 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00331240008	0.00331240008 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0575428568	0.0575428568 ± 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]	172.743439	172.743439 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	25.0028019	25.0028019 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	25.0028019	25.0028019 ± 32	✔

Name	Actual Value	Expected Value	Result
CDD_MtrCurrQax_Amp_G_f32[0]	85.51371	85.51371 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	63.0028038	63.0028038 ± 0.03	✓

Test Step 2.14 (Repeat Count = 1) ✓

Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	785
Adc2_GetPhsCCurr_Cnt_u16_m	578
CDD_ADC2OffsetComp_Cnt_G_u8p8	24576
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
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
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0140000004
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	1
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
k_MtrPosComputDelay_Sec_f32	0.000190000006
k_NoofPoles_Uls_f32	3.34244037
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.5
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	65.3499985
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	117.349998
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34100008
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal

Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0140000004	0.0140000004 ± 0.0000152587890625	✓
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0230712891	0.0230712891 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.0464707874	0.0464707874 ± 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 ± 0.03	✓
CDD_MtrCurrDax_Amp_G_f32[1]	177.485794	177.485779 ± 0.03	✓
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 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	-59.8777809	-59.8777809 ± 32	✓
CDD_MtrCurrQax_Amp_G_f32[0]	-120.003059	-120.003059 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	86.42276	86.42276 ± 0.03	✓

Test Step 2.15 (Repeat Count = 1) ✓

Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	801
Adc2_GetPhsCCurr_Cnt_u16_m	590

Name	Input Value
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
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]	0.00200000009
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00300000003
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	6.70000009e-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	0.000199999995
k_NoofPoles_Uls_f32	3.50456953
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	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0245056152	0.0245056152 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.003822	0.003822 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0429134518	0.0429134518 ± 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]	37.220768	37.2207642 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	125.003311	125.003311 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	38.4295807	38.4295807 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	63.0033112	63.0033112 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-4.91748905	-4.9174881 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	125.003311	125.003311 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	10.7530909	10.7530899 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	198.003311	198.003311 ± 0.03	✔

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]	0.00300000003
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00400000019
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	2.49999994e-005
k_NoofPoles_Uls_f32	5.22677374
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]	0.021194458	0.021194458 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	0.00963523053	0.00963523053 ± 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 ± 0.03	✓
CDD_MtrCurrDax_Amp_G_f32[1]	151.767929	151.767944 ± 0.03	✓
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 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	-71.7897491	-71.7897644 ± 32	✓
CDD_MtrCurrQax_Amp_G_f32[0]	-180.003571	-180.003571 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	92.7621155	92.7621231 ± 0.03	✓

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
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

Name	Input Value
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	1
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
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	1250
k_MtrPosComputDelay_Sec_f32	2.59999997e-005
k_NoofPoles_Uls_f32	2.70328236
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]	0.022354126	0.022354126 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00433159992	0.00433159992 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00430497713	0.00430497713 ± 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]	85.5710144	85.5710068 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	63.0038223	63.0038223 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	63.0038223	63.0038223 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	41.2629547	41.2629433 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	120.003822	120.003822 ± 0.03	✔

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]	0.00499999989
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
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

Name	Input Value
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	3.26873398
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]	0.0158081055	0.0158081055 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.0493350029	-0.0493350029 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	60.657383	60.6573868 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-7.54180527	-7.54180765 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-140.004074	-140.004074 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	13.6238613	13.6238651 ± 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_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	5.90000018e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.09999998e-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	4.37541151
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]	0.0365600586	0.0365600586 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00484120008	0.00484120008 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0684839413	0.0684839413 ± 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]	48.6585884	48.6585846 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	198.004333	198.004333 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	198.004333	198.004333 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	11.6629076	11.6629076 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	25.0043316	25.0043316 ± 0.03	✔

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]	0.0199999996
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00509600015
CDD_DCPhsBComp_Cnt_G_u16p0	7150

Name	Input Value
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	5.99999985e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.20000002e-005
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	2.92172194
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	✔
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]	2.00458646	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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	137.101196	137.101212 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	-140.004593	-140.004593 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	148.440857	148.440857 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-180.004593	-180.004593 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-52.6343918	-52.634388 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-200.004593	-200.004593 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	77.5134125	77.5134048 ± 0.03	✔

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

Name	Input Value
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	5.49470711
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

Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.032699585	0.032699585 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00535080023	0.00535080023 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0189544726	0.0189544726 ± 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]	26.1543674	26.1543674 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	120.004845	120.004845 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	28.7807159	28.7807178 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	25.0048409	25.0048409 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-9.9062624	-9.90625858 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	120.004845	120.004845 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	15.5696125	15.5696087 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	125.004845	125.004845 ± 0.03	✔

Test Step 2.22 (Repeat Count = 1)	✔

Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	913
Adc2_GetPhsCCurr_Cnt_u16_m	674
CDD_ADC2OffsetComp_Cnt_G_u8p8	40960
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
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

Name	Input Value
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
k_MtrPosComputDelay_Sec_f32	2.90000007e-005
k_NoofPoles_Uls_f32	3.68196774
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	73.5500031
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.5499992
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]	0.0219999999	0.0219999999 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.193023682	0.193023682 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.0333971977	-0.0333971977 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	1.00509596	1.00509596 ± 32	✔
CDD_MtrCurr1_Volts_G_f32[1]	0.919413924	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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	34.7445297	34.7445374 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	63.0049934	63.0050011 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-160.005096	-160.005096 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	-86.9395981	-86.9396057 ± 0.03	✔

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
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
CDD_MtrCurrQax_Amp_G_f32[0]	-140.005356
CDD_MtrCurrQax_Amp_G_f32[1]	63.005352
CDD_MtrElecPol_Cnt_G_s8	-1
CDD_Vecu_Volt_G_f32[0]	27.4300003
CDD_Vecu_Volt_G_f32[1]	26.6900005
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.29999995e-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	2.99999992e-005
k_NoofPoles_Uls_f32	3.42960882
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.20000005

Name	Input Value		
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]	0.199905396	0.199905396 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00586039992	0.00586039992 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00270467531	-0.00270467531 ± 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]	-195.629913	-195.629883 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	25.0053501	25.0053501 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	25.0053501	25.0053501 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	63.005352	63.005352 ± 0.03	✔

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		
CDD_DCPhsCComp_Cnt_G_u16p0	370		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.5999985		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	72.5999985		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00400000019		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00300000003		
CDD_MtrCurr1_Volts_G_f32[0]	2.0056057		
CDD_MtrCurr1_Volts_G_f32[1]	4.0056057		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0209999997		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0199999996		
CDD_MtrCurr2_Volts_G_f32[0]	1.00560558		
CDD_MtrCurr2_Volts_G_f32[1]	4.0056057		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.0056		
CDD_MtrCurrDax_Amp_G_f32[1]	198.0056		
CDD_MtrCurrK1_Amps_G_f32[0]	-160.0056		
CDD_MtrCurrK1_Amps_G_f32[1]	120.005608		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.0056		
CDD_MtrCurrK2_Amps_G_f32[1]	198.0056		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.005608		
CDD_MtrCurrQax_Amp_G_f32[1]	25.0056057		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	31		
CDD_Vecu_Volt_G_f32[1]	30.7299995		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.39999998e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.59999997e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7799		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	520		
k_MtrPosComputDelay_Sec_f32	3.09999996e-005		
k_NoofPoles_Uls_f32	2.55424547		
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_CorrMtrPosElec_Rev_G_f32[1]	0.0361328125	0.0361328125 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00287429243	0.00287429243 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	2.0056057	2.0056057 ± 32	✔
CDD_MtrCurr1_Volts_G_f32[1]	0.938950002	0.938950002 ± 32	✔

Name	Actual Value	Expected Value	Result
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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	122.640778	122.640785 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	23.2247257	23.2247295 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-120.005608	-120.005608 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	4.49508667	4.49508715 ± 0.03	✔

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		
CDD_MtrCurr1_Volts_G_f32[0]	0.00586039992		
CDD_MtrCurr1_Volts_G_f32[1]	2.00586033		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0199999996		
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	3.19999999e-005		
k_NoofPoles_Uls_f32	4.01599836		
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]	0.0371398926	0.0371398926 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00637000008	0.00637000008 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00338147068	-0.00338147068 ± 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]	157.950546	157.950531 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	125.005859	125.005859 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	125.005859	125.005859 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	6.91257477	6.91257191 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	198.005859	198.005859 ± 0.03	✔

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
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	3.55628181
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]	0.0403594971	0.0403594971 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00432168273	0.00432168273 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	173.862625	173.86261 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	34.3647728	34.3647728 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-180.006119	-180.006119 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	9.55907822	9.55908108 ± 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

Name	Input Value
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_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	2.66659498
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]	0.207946777	0.207946777 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00687960023	0.00687960023 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00238786917	-0.00238786917 ± 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]	10.778656	10.7786579 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	63.0063705	63.0063705 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	63.0063705	63.0063705 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	174.208786	174.208786 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	120.006371	120.006371 ± 0.03	✔

Test Step 2.28 (Repeat Count = 1)	✔

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

Name	Input Value
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_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	2.99999992e-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	5.41137266
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]	0.211456299	0.211456299 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00707401661	0.00707401661 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	5.1106987	5.11070061 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	-180.006622	-180.006622 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	201.555283	201.555283 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-120.006622	-120.006622 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-44.5249748	-44.5249748 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-140.006622	-140.006622 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	206.351364	206.351364 ± 0.03	✔

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	595
CDD_DCPhsCComp_Cnt_G_u16p0	694
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

Name	Input Value
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	6.90000015e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5833
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	570
k_MtrPosComputDelay_Sec_f32	0.000140000004
k_NoofPoles_Uls_f32	3.47708869
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]	0.0104064941	0.0104064941 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0022932	0.0022932 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.029749101	0.0297491029 ± 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]	128.798447	128.798447 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	198.001785	198.001785 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	128.730484	128.730484 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	120.001785	120.001785 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	5.25021505	5.25021267 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	198.001785	198.001785 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	3.17217016	3.17217255 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	25.0017834	25.0017834 ± 0.03	✔

Test Step 2.30 (Repeat Count = 1)   ✔

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]	0.0299999993
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.007644
CDD_DCPhsBComp_Cnt_G_u16p0	694
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
CDD_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
k_MtrCurrOffLoComOff_Cnt_u16	580

Name	Input Value		
k_MtrPosComputDelay_Sec_f32	3.70000016e-005		
k_NoofPoles_Uls_f32	2.77089477		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.9000001		
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]	0.0299999993	0.0299999993 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0482940674	0.0482940674 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00388306286	0.00388306286 ± 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]	0.666666687	0.666666687 ± 32	✔
CDD_MtrCurrDax_Amp_G_f32[0]	-180.007141	-180.007141 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	-108.075233	-108.075233 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-125.326233	-125.326233 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-200.007141	-200.007141 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	97.4865417	97.4865341 ± 0.03	✔

Test Step 2.31 (Repeat Count = 1)			✔
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	3.19999999e-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	2.45000958		
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]	0.215927124	0.215927124 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00789880008	0.00789880008 ± 0.0000152587890625	✔

Name	Actual Value	Expected Value	Result
CDD_ElecPosDelayComp_Rad_G_f32	-0.00245668576	-0.00245668576 ± 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]	34.6013107	34.6013107 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	120.007393	120.007393 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	149.796356	149.796356 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	25.0073891	25.0073891 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	2.84126139	2.84126139 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	120.007393	120.007393 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	145.773026	145.77301 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	125.007393	125.007393 ± 0.03	✔

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
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	2.38216853
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	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.052230835	0.052230835 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00356753543	0.00356753566 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	2.00764394	2.00764394 ± 32	✔
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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	93.1268463	93.1268463 ± 0.03	✔
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 ± 32	✔

Name	Actual Value	Expected Value	Result
CDD_MtrCurrK2_Amps_G_f32[1]	-62.2364769	-62.2364807 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-160.007645	-160.007645 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	97.4537659	97.4537659 ± 0.03	✔

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
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	3.9999999e-005
k_NoofPoles_Uls_f32	3.81904554
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]	0.219680786	0.219680786 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00840840023	0.00840840023 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00403482188	-0.00403482141 ± 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]	-83.1113358	-83.1113358 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	198.007904	198.007904 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	198.007904	198.007904 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-64.9573288	-64.9573212 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	63.0079002	63.0079002 ± 0.03	✔

Test Step 2.34 (Repeat Count = 1)   ✔

Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	881

Name	Input Value
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	1090
CDD_DCPhsCComp_Cnt_G_u16p0	1244
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
CDD_MtrCurr1_Volts_G_f32[0]	1.00815356
CDD_MtrCurr1_Volts_G_f32[1]	2.00815368
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0109999999
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00999999978
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	1.49999996e-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	2.90000007e-005
k_NoofPoles_Uls_f32	4.424788
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	✔
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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	98.5600433	98.5600433 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	-140.004593	-140.004593 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	90.457222	90.457222 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-180.004593	-180.004593 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	54.7333794	54.7333755 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-200.004593	-200.004593 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	-38.2644806	-38.2644768 ± 0.03	✔

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

Name	Input Value
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
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	2.19289589
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.89999998
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]	0.236953735	0.236953735 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00891800039	0.00891800039 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00394063396	0.00394063396 ± 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]	61.7336311	61.7336159 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	63.0084076	63.0084076 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	63.0084076	63.0084076 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	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

Name	Input Value
CDD_MtrCurrK1_Amps_G_f32[0]	5.00866318
CDD_MtrCurrK1_Amps_G_f32[1]	14.0086632
CDD_MtrCurrK2_Amps_G_f32[0]	-120.008667
CDD_MtrCurrK2_Amps_G_f32[1]	25.0086632
CDD_MtrCurrQax_Amp_G_f32[0]	-160.008667
CDD_MtrCurrQax_Amp_G_f32[1]	120.008667
CDD_MtrElecPol_Cnt_G_s8	1
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	4.63432026
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	93.9000015
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 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0708618164	0.0708618164 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00509798434	-0.00509798387 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	1.00866318	1.00866318 ± 32	✔
CDD_MtrCurr1_Volts_G_f32[1]	1.46275949	1.46275949 ± 32	✔
CDD_MtrCurr2_Volts_G_f32[0]	1.00866318	1.00866318 ± 32	✔
CDD_MtrCurr2_Volts_G_f32[1]	0.0500610508	0.0500610508 ± 32	✔
CDD_MtrCurrDax_Amp_G_f32[0]	-120.008667	-120.008667 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	5.00866318	5.00866318 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	295.212341	295.212341 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-120.008667	-120.008667 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-28.6416264	-28.6416264 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-160.008667	-160.008667 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	152.989182	152.989166 ± 0.03	✔

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	-1
CDD_Vecu_Volt_G_f32[0]	14.5699997
CDD_Vecu_Volt_G_f32[1]	13.29
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.79999983e-005

Name	Input Value
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	4.99999987e-005
k_NoofPoles_Uls_f32	2.05782723
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]	0.240951538	0.240951538 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00942759961	0.00942759961 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00390601344	0.00390601344 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	1.48473752	1.48473752 ± 32	✔
CDD_MtrCurr1_Volts_G_f32[1]	1.00891805	1.00891805 ± 32	✔
CDD_MtrCurr2_Volts_G_f32[0]	0.0671550706	0.0671550706 ± 32	✔
CDD_MtrCurr2_Volts_G_f32[1]	1.00891805	1.00891805 ± 32	✔
CDD_MtrCurrDax_Amp_G_f32[0]	43.5044327	43.5044289 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	198.008911	198.008911 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	313.270416	313.270416 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	18.0089188	18.0089188 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	25.7452164	25.7452164 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	198.008911	198.008911 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	63.0089188	63.0089188 ± 0.03	✔

Test Step 2.38 (Repeat Count = 1)	✔

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]	0.00999999978
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
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	660
k_MtrPosComputDelay_Sec_f32	5.09999991e-005
k_NoofPoles_Uls_f32	5.05101204
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

Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		

Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0379999988	0.0379999988 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0747528076	0.0747528076 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00578959659	-0.00578959612 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-13.9402857	-13.9402952 ± 32	✔
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 2.39 (Repeat Count = 1) ✔

Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1243		
Adc2_GetPhsCCurr_Cnt_u16_m	75		
CDD_ADC2OffsetComp_Cnt_G_u8p8	3840		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0390000008		
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		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.00943		
CDD_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	3.9999999e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.99999995e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10551		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	670		
k_MtrPosComputDelay_Sec_f32	5.19999994e-005		
k_NoofPoles_Uls_f32	4.98552084		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.29999995		
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]	0.245910645	0.245910645 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00993719976	0.00993719976 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0099777719	0.0099777719 ± 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]	19.4140644	19.4140739 ± 0.03	✔

Name	Actual Value	Expected Value	Result
CDD_MtrCurrDax_Amp_G_f32[1]	120.00943	120.00943 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	120.00943	120.00943 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	198.00943	198.00943 ± 0.03	✔

Test Step 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]	0.0399999991
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	4.09999993e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.09999998e-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	5.29999998e-005
k_NoofPoles_Uls_f32	5.24843407
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	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0399999991	0.0399999991 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0786895752	0.0786895752 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00617044	-0.00617044 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	5.46439552	5.46438694 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-180.009689	-180.009689 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	197.277451	197.277451 ± 0.03	✔

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
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	4.19999997e-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	5.40000001e-005
k_NoofPoles_Uls_f32	4.24585629
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
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0830688477	0.0830688477 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0104467999	0.0104467999 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00883000158	0.00883000158 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	25.0099373	25.0099373 ± 0.03	✔
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	10.2839851 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	25.0099373	25.0099373 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	219.80101	219.80101 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	120.009933	120.009933 ± 0.03	✔

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

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	3.36197019
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	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0849151611	0.0849151611 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00777077442	0.00777077395 ± 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	✔
CDD_MtrCurr2_Volts_G_f32[1]	0.10866911	0.10866911 ± 32	✔
CDD_MtrCurrDax_Amp_G_f32[0]	-200.010193	-200.010193 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	2.01019192	2.01019192 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	500.760559	500.760498 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-200.010193	-200.010193 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	21.0055828	21.0055733 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-140.010193	-140.010193 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✔

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
CDD_MtrCurr1_Volts_G_f32[0]	0.0104467999
CDD_MtrCurr1_Volts_G_f32[1]	2.01044679
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00999999978
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0109999999
CDD_MtrCurr2_Volts_G_f32[0]	0.0104467999

Name	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	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
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	4.78002453
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

Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.084564209	0.084564209 ± 0.0000152587890625	✓
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0109564001	0.0109564001 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	-0.00696975412	-0.00696975412 ± 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 ± 0.03	✓
CDD_MtrCurrDax_Amp_G_f32[1]	125.010445	125.010445 ± 0.03	✓
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	35.6517143 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445	125.010445 ± 32	✓
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	25.0104465	25.0104465 ± 0.03	✓

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]	0.0439999998
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0112111997
CDD_DCPhsBComp_Cnt_G_u16p0	2674
CDD_DCPhsCComp_Cnt_G_u16p0	3004
CDD_MRFMtrVel_MtrRadpS_f32[0]	-44.0999985
CDD_MRFMtrVel_MtrRadpS_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_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

Name	Input Value
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	3.34244037
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]	0.0439999998	0.0439999998 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.088973999	0.088973999 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00810658839	0.00810658745 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	59.7491302	59.7490921 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696	-200.010696 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	220	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_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	3.50456953
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.9000001

Name	Input Value		
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]	0.255493164	0.255493164 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002	0.0114660002 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00529759517	-0.00529759517 ± 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]	-76.8902893	-76.8902817 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558	63.0109558 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	63.0109558	63.0109558 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	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		
CDD_Vecu_Volt_G_f32[0]	23.6599998		
CDD_Vecu_Volt_G_f32[1]	22.3799992		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.70000014e-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	5.90000018e-005		
k_NoofPoles_Uls_f32	5.22677374		
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]	0.0937957764	0.0937957764 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0132834539	0.0132834539 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	2.01121116	2.01121116 ± 32	✔
CDD_MtrCurr1_Volts_G_f32[1]	1.58608067	1.58608067 ± 32	✔

Name	Actual Value	Expected Value	Result
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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	4.0112114	4.0112114 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	617.566223	617.566162 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-120.011208	-120.011208 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	125.325378	125.325317 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-160.011215	-160.011215 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✔

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
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	780
k_MtrPosComputDelay_Sec_f32	6.29999995e-005
k_NoofPoles_Uls_f32	4.65923882
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
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0500000007	0.0500000007 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.918731689	0.918731689 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0129521014	0.0129521014 ± 0.0000152587890625	✔
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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	0.659367979	0.659350336 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-180.012238	-180.012238 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	✔

Test Step 2.48 (Repeat Count = 1) ✔

Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1375
Adc2_GetPhsCCurr_Cnt_u16_m	159
CDD_ADC2OffsetComp_Cnt_G_u8p8	9216
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
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.023
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0240000002
CDD_MtrCurr1_Volts_G_f32[0]	0.0124851996
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	3.9999999e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	65535
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	790
k_MtrPosComputDelay_Sec_f32	6.39999998e-005
k_NoofPoles_Uls_f32	5.82730293
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.39999998
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]	0.0817565918	0.0817565918 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0129947998	0.0129947998 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00974791311	-0.00974791218 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	25.0124855	25.0124855 ± 0.03	✔
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	5.5156765 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	25.0124855	25.0124855 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	120.012482	120.012482 ± 0.03	✔

Test Step 2.49 (Repeat Count = 1) ✔

Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1386
Adc2_GetPhsCCurr_Cnt_u16_m	753
CDD_ADC2OffsetComp_Cnt_G_u8p8	9984
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1

Name	Input Value	
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	9.79999968e-005	
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.09999993e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	32768	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_MtrCurrOffLoComOff_Cnt_u16	800	
k_MtrPosComputDelay_Sec_f32	6.50000002e-005	
k_NoofPoles_Uls_f32	4.50823975	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.5	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	109.300003	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	97.3000031	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.3829999	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
Name	**Actual Value**	**Expected Value**

Name	Input Value
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
CDD_MtrCurrDax_Amp_G_f32[0]	-180.013
CDD_MtrCurrDax_Amp_G_f32[1]	125.012993
CDD_MtrCurrK1_Amps_G_f32[0]	7.01299477
CDD_MtrCurrK1_Amps_G_f32[1]	27.0129948
CDD_MtrCurrK2_Amps_G_f32[0]	-180.013
CDD_MtrCurrK2_Amps_G_f32[1]	125.012993
CDD_MtrCurrQax_Amp_G_f32[0]	-120.012993
CDD_MtrCurrQax_Amp_G_f32[1]	25.0129948
CDD_MtrElecPol_Cnt_G_s8	-1
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	4.19999997e-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	2.97059679
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]	0.26663208	0.26663208 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0135043999	0.0135043999 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0081683239	0.0081683239 ± 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]	156.391464	156.391449 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	125.012993	125.012993 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	125.012993	125.012993 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	25.0129948	25.0129948 ± 0.03	✔

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	
CDD_DCPhsCComp_Cnt_G_u16p0	4104	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.3499985	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	90.3499985	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0240000002	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.023	
CDD_MtrCurr1_Volts_G_f32[0]	2.01324964	
CDD_MtrCurr1_Volts_G_f32[1]	1.01324964	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0240000002	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.023	
CDD_MtrCurr2_Volts_G_f32[0]	1.01324964	
CDD_MtrCurr2_Volts_G_f32[1]	2.01324964	
CDD_MtrCurrDax_Amp_G_f32[0]	-160.013245	
CDD_MtrCurrDax_Amp_G_f32[1]	120.013252	
CDD_MtrCurrK1_Amps_G_f32[0]	8.0132494	
CDD_MtrCurrK1_Amps_G_f32[1]	29.0132504	
CDD_MtrCurrK2_Amps_G_f32[0]	-160.013245	
CDD_MtrCurrK2_Amps_G_f32[1]	120.013252	

Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	-200.013245
CDD_MtrCurrQax_Amp_G_f32[1]	198.013245
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	31
CDD_Vecu_Volt_G_f32[1]	11.8100004
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0.000171428997
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.3e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	13763
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	820
k_MtrPosComputDelay_Sec_f32	6.70000009e-005
k_NoofPoles_Uls_f32	4.07683086
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.70000005
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	111.349998
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	101.349998
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.38499999
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal

Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0540000014	0.0540000014 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.125717163	0.125717163 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00605704961	-0.00605704961 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	2.01324964	2.01324964 ± 32	✔
CDD_MtrCurr1_Volts_G_f32[1]	1.66422474	1.66422474 ± 32	✔
CDD_MtrCurr2_Volts_G_f32[0]	1.01324964	1.01324964 ± 32	✔
CDD_MtrCurr2_Volts_G_f32[1]	0.374847382	0.374847382 ± 32	✔
CDD_MtrCurrDax_Amp_G_f32[0]	-160.013245	-160.013245 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	8.0132494	8.0132494 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	2530.12866	2530.12866 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-160.013245	-160.013245 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	784.670288	784.670288 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-200.013245	-200.013245 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✔

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
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	7.9999998e-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

Name	Input Value		
k_MtrPosComputDelay_Sec_f32	6.80000012e-005		
k_NoofPoles_Uls_f32	5.63962412		
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]	0.323913574	0.323913574 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0140140001	0.0140140001 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0161786731	0.0161786713 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	63.013504	63.013504 ± 0.03	✔
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	-7.30861902 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	63.013504	63.013504 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	125.013504	125.013504 ± 0.03	✔

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		
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	5.4423542		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.89999998		
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]	0.181350708	0.181350708 ± 0.0000152587890625	✔

Name	Actual Value	Expected Value	Result
CDD_ElecPosDelayComp_Rad_G_f32	-0.00833659898	-0.00833659898 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	141.462723	141.462723 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-36.2100029	-36.2099915 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-160.013763	-160.013763 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✔

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		
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	4.1064229		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	114.425003		
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]	0.37928772	0.37928772 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0145236002	0.0145236002 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0122776926	0.0122776916 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	198.014008	198.014008 ± 0.03	✔
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 ± 32	✔

Name	Actual Value	Expected Value	Result
CDD_MtrCurrK2_Amps_G_f32[1]	198.014008	198.014008 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	63.0140152	63.0140152 ± 0.03	✔

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
CDD_Vecu_Volt_G_f32[0]	8.77999973
CDD_Vecu_Volt_G_f32[1]	15.8500004
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.39999998e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	8.49999997e-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	3.98144245
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]	0.237670898	0.237670898 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00628261687	-0.00628261687 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	-66.1008148	-66.1007843 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	3.01426888	3.01426888 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	755.085693	755.085693 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-180.014267	-180.014267 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-124.910385	-124.910347 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-120.014267	-120.014267 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✔

Test Step 2.56 (Repeat Count = 1) ✔

Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1837

Name	Input Value
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	-1
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
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	870
k_MtrPosComputDelay_Sec_f32	0.000106
k_NoofPoles_Uls_f32	3.30382323
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]	0.105377197	0.105377197 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0150332004	0.0150332004 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.000258276385	0.000258276385 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	120.014526	120.014526 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	120.014526	120.014526 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	196.738815	196.738785 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	25.0145245	25.0145245 ± 0.03	✔

Test Step 2.57 (Repeat Count = 1)   ✔

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

Name	Input Value
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	6.29999995e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1573
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	880
k_MtrPosComputDelay_Sec_f32	0.000107
k_NoofPoles_Uls_f32	4.80225563
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.29999995
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]	0.941436768	0.941436768 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00475303223	0.0047530327 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	20.590559	20.590559 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-140.014786	-140.014786 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	✔

Test Step 2.58 (Repeat Count = 1) ✔

Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1859
Adc2_GetPhsCCurr_Cnt_u16_m	495
CDD_ADC2OffsetComp_Cnt_G_u8p8	16896
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0610000007
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0155427996
CDD_DCPhsBComp_Cnt_G_u16p0	4159
CDD_DCPhsCComp_Cnt_G_u16p0	4654
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1.52499998
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	16.5249996
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0120000001
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0109999999
CDD_MtrCurr1_Volts_G_f32[0]	1.01503325
CDD_MtrCurr1_Volts_G_f32[1]	2.01503325
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00300000003
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00400000019
CDD_MtrCurr2_Volts_G_f32[0]	2.01503325
CDD_MtrCurr2_Volts_G_f32[1]	1.01503325
CDD_MtrCurrDax_Amp_G_f32[0]	-140.01503
CDD_MtrCurrDax_Amp_G_f32[1]	63.0150337

Name	Input Value
CDD_MtrCurrK1_Amps_G_f32[0]	4.01503325
CDD_MtrCurrK1_Amps_G_f32[1]	19.0150337
CDD_MtrCurrK2_Amps_G_f32[0]	-140.01503
CDD_MtrCurrK2_Amps_G_f32[1]	63.0150337
CDD_MtrCurrQax_Amp_G_f32[0]	-120.01503
CDD_MtrCurrQax_Amp_G_f32[1]	25.0150337
CDD_MtrElecPol_Cnt_G_s8	-1
CDD_Vecu_Volt_G_f32[0]	11.8100004
CDD_Vecu_Volt_G_f32[1]	18.8799992
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	1.49999996e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.39999998e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1704
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	890
k_MtrPosComputDelay_Sec_f32	0.000108
k_NoofPoles_Uls_f32	5.30713034
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.4000001
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	72.5250015
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	51.5250015
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42600012
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal

Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.109405518	0.109405518 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0155427996	0.0155427996 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.000437042152	0.000437042181 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	2.18925524	2.18925524 ± 32	✔
CDD_MtrCurr1_Volts_G_f32[1]	2.01503325	2.01503325 ± 32	✔
CDD_MtrCurr2_Volts_G_f32[0]	0.523809552	0.523809552 ± 32	✔
CDD_MtrCurr2_Volts_G_f32[1]	1.01503325	1.01503325 ± 32	✔
CDD_MtrCurrDax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	63.0150337	63.0150337 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	288.248108	288.248138 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	19.0150337	19.0150337 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	93.9359589	93.9359665 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	63.0150337	63.0150337 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	110.303345	110.303352 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	25.0150337	25.0150337 ± 0.03	✔

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
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

Name	Input Value
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	2.10435843
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.89999998
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]	0.93296814	0.93296814 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00179359713	0.00179359724 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-161.505264	-161.505264 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-180.015289	-180.015289 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	-42.3653412	-42.3653374 ± 0.03	✔

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
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	4.04976606
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

Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		

Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.101379395	0.101379395 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0160524007	0.0160524007 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.000331675838	0.000331675838 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	198.015549	198.015549 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	198.015549	198.015549 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	85.1712952	85.1713028 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	120.015541	120.015541 ± 0.03	✔

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		
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	1.49999996e-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	3.28270912		
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]	0.937164307	0.937164307 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0030332231	0.00303322333 ± 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 ± 0.03	✔

Name	Actual Value	Expected Value	Result
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	3.01579762	3.01579762 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	310.365723	310.365662 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-180.015793	-180.015793 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-16.685545	-16.6855621 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-140.015793	-140.015793 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	-103.974365	-103.974327 ± 0.03	✔

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		
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	-1		
CDD_Vecu_Volt_G_f32[0]	15.8500004		
CDD_Vecu_Volt_G_f32[1]	30.7299995		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	1.89999992e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.6e-005		
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	2.15225244		
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		
Name	**Actual Value**	**Expected Value**	**Result**
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0649999976	0.0649999976 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.348800659	0.348800659 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00331352721	-0.00331352721 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	-45.9866104	-45.986599 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	7.01605225	7.01605225 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	230.357864	230.357834 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-120.016052	-120.016052 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	108.192352	108.192329 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-160.016052	-160.016052 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✔

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]	-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	1.99999995e-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	7.00000019e-005
k_NoofPoles_Uls_f32	3.97869086
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]	0.21257019	0.21257019 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0168168005	0.0168168005 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0119271204	0.0119271213 ± 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]	-117.668724	-117.668686 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	198.016312	198.016312 ± 0.03	✔
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	-230.580231 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	198.016312	198.016312 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	63.0163078	63.0163078 ± 0.03	✔

Test Step 2.64 (Repeat Count = 1) ✔

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

Name	Input Value
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
CDD_MtrCurrDax_Amp_G_f32[0]	-180.016556
CDD_MtrCurrDax_Amp_G_f32[1]	125.016563
CDD_MtrCurrK1_Amps_G_f32[0]	3.01656199
CDD_MtrCurrK1_Amps_G_f32[1]	9.01656246
CDD_MtrCurrK2_Amps_G_f32[0]	-180.016556
CDD_MtrCurrK2_Amps_G_f32[1]	125.016563
CDD_MtrCurrQax_Amp_G_f32[0]	-120.016563
CDD_MtrCurrQax_Amp_G_f32[1]	25.0165615
CDD_MtrElecPol_Cnt_G_s8	-1
CDD_Vecu_Volt_G_f32[0]	17.8700008
CDD_Vecu_Volt_G_f32[1]	5.75
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.09999998e-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	2.43344188
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]	0.404724121	0.404724121 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00385934766	-0.00385934766 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	-161.530365	-161.530411 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	3.01656199	3.01656199 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	265.468781	265.468811 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-180.016556	-180.016556 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	102.525459	102.525452 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-120.016563	-120.016563 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✔

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

Name	Input Value
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
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	960
k_MtrPosComputDelay_Sec_f32	0.000106
k_NoofPoles_Uls_f32	2.01812696
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	0.000181833238	0.000181833238 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	120.016815	120.016815 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	120.016815	120.016815 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	34.900074	34.9000778 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	25.0168171	25.0168171 ± 0.03	✔

Name	Input Value
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	970
k_MtrPosComputDelay_Sec_f32	2.49999994e-005
k_NoofPoles_Uls_f32	4.59762669
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]	0.994781494	0.994781494 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0007644	0.0007644 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00701569021	0.00701569067 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	25.0002556	25.0002556 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	223.62561	223.62561 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	198.000259	198.000259 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	10.1348076	10.1348076 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	25.0002556	25.0002556 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-17.460413	-17.460413 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	63.0002556	63.0002556 ± 0.03	✔

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]	0.0700000003
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]	-0.0219999999
CDD_MtrCurr1_Volts_G_f32[0]	1.01732635
CDD_MtrCurr1_Volts_G_f32[1]	2.01732635
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00200000009
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
CDD_MtrCurrDax_Amp_G_f32[1]	63.0173264
CDD_MtrCurrK1_Amps_G_f32[0]	4.01732635
CDD_MtrCurrK1_Amps_G_f32[1]	19.0173264
CDD_MtrCurrK2_Amps_G_f32[0]	-140.017334
CDD_MtrCurrK2_Amps_G_f32[1]	63.0173264
CDD_MtrCurrQax_Amp_G_f32[0]	-120.017326
CDD_MtrCurrQax_Amp_G_f32[1]	25.0173264
CDD_MtrElecPol_Cnt_G_s8	-1
CDD_Vecu_Volt_G_f32[0]	9.78999996
CDD_Vecu_Volt_G_f32[1]	16.8600006
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.40000008e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.09999998e-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_Uls_f32	2.17562199
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.4000001

Name	Input Value		
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	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.109359741	0.109359741 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0680000037	0.0680000037 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.000205596283	0.000205596283 ± 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]	184.681534	184.681534 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	63.0173264	63.0173264 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	63.0173264	63.0173264 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	110.618065	110.618073 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	25.0173264	25.0173264 ± 0.03	✔

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_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	840		
CDD_DCPhsCComp_Cnt_G_u16p0	766		
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		
CDD_Vecu_Volt_G_f32[0]	8.77999973		
CDD_Vecu_Volt_G_f32[1]	15.8500004		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.39999998e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	8.49999997e-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	3.3035264		
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]	0.237854004	0.237854004 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00521288253	-0.00521288253 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	2.01426888	2.01426888 ± 32	✔
CDD_MtrCurr1_Volts_G_f32[1]	1.70329678	1.70329678 ± 32	✔

Name	Actual Value	Expected Value	Result
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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	-93.6322327	-93.6322327 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	3.01426888	3.01426888 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	330.180817	330.180817 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-180.014267	-180.014267 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-119.152496	-119.152496 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-120.014267	-120.014267 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✔

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
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	-1
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
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	1500
k_MtrPosComputDelay_Sec_f32	0.000106
k_NoofPoles_Uls_f32	4.8907547
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	0.000382334751	0.000382334751 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	120.014526	120.014526 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	120.014526	120.014526 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	164.369431	164.369431 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	25.0145245	25.0145245 ± 0.03	✔

Test Step 2.70 (Repeat Count = 1) ✔

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_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	6.29999995e-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	2.0648644
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.29999995
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]	0.940994263	0.940994263 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00204369961	0.00204369961 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	23.9609241	23.9609413 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-140.014786	-140.014786 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	✔

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

Name	Input Value
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]	0.00999999978
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
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	5.06752682
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

Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0845031738	0.0845031738 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0109564001	0.0109564001 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00738896057	-0.00738896104 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	125.010445	125.010445 ± 0.03	✔
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	35.4740677 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445	125.010445 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	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]	0.0439999998
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

Name	Input Value
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_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	3.223979
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]	0.0439999998	0.0439999998 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0889282227	0.0889282227 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00781927723	0.00781927723 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	63.1328773	63.1328239 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696	-200.010696 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✔

Test Step 2.73 (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
CDD_MtrCurrK2_Amps_G_f32[1]	63.0109558

Name	Input Value
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	5.39541674
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]	0.2550354	0.2550354 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002	0.0114660002 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.00815584697	-0.00815584697 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	1.55555558	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]	-75.2636261	-75.2636032 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558	63.0109558 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	692.970825	692.970886 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629	5.01095629 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	-53.3694801	-53.3694611 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	63.0109558	63.0109558 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	125.010956	125.010956 ± 0.03	✔

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]	0.00999999978
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
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	710

Name	Input Value		
k_MtrPosComputDelay_Sec_f32	5.60000008e-005		
k_NoofPoles_Uls_f32	2		
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		

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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	125.010445	125.010445 ± 0.03	✔
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	35.4740677 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445	125.010445 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	25.0104465	25.0104465 ± 0.03	✔

Test Step 2.75 (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]	0.0439999998		
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_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	6		
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]	0.0439999998	0.0439999998 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0899963379	0.0899963379 ± 0.0000152587890625	✔

Name	Actual Value	Expected Value	Result
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 ± 0.03	✓
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✓
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 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	63.1328773	63.1328239 ± 32	✓
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696	-200.010696 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✓

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
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	5.39541674
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]	0.2550354	0.2550354 ± 0.0000152587890625	✓
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002	0.0114660002 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	-0.00815584697	-0.00815584697 ± 0.0000152587890625	✓
CDD_MtrCurr1_Volts_G_f32[0]	1.55555558	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]	-75.2636261	-75.2636032 ± 0.03	✓
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558	63.0109558 ± 0.03	✓
CDD_MtrCurrK1_Amps_G_f32[0]	692.970825	692.970886 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629	5.01095629 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[0]	-53.3694801	-53.3694611 ± 32	✓

Name	Actual Value	Expected Value	Result
CDD_MtrCurrK2_Amps_G_f32[1]	63.0109558	63.0109558 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	125.010956	125.010956 ± 0.03	✔

CDD_MtrCurrK2_Amps_G_f32[1]	63.0109558	63.0109558 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	

Test Case 3: Path Test ✔

Specification	Performance Metrics : [With "None" Instrumentation and WithPS Environment] CPU Cycles: TC3.1 951 Cycles TC3.2 1008 Cycles TC3.3 974 Cycles TC3.4 951 Cycles
Description	VECTOR DESCRIPTION: TC3.1 (ElecPosDelayComp_Rad_T_f32 < 0.0f)==>True && (Phs1Curr_Cnt_T_u16 > D_ZERO_CNT_U16)==>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) (MtrCurrFinalQax_Amps_T_f32<=-220)==>False TC3.2 (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 && 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) (MtrCurrFinalDax_Amps_T_f32>=220)==>True TC3.4 MtrCurrFinalQax_Amps_T_f32 = Limit_m(MtrCurrQax_Amps_T_f32, -D_CURRDQMAX_AMP_F32, D_CURRDQMAX_AMP_F32) (MtrCurrFinalQax_Amps_T_f32<=-220)==>True

Test Step 3.1 (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
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	2.3499999
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]	0.0780944824	0.0780944824 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0	0 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	-0.0328412466	-0.0328412466 ± 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]	34.3631706	34.3631744 ± 0.03	✔

Name	Actual Value	Expected Value	Result
CDD_MtrCurrDax_Amp_G_f32[1]	-220	-220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	-220	-220 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	18.3590279	18.3590279 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	✔

Test Step 3.2 (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		
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	3.66000009		
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]	0.981781006	0.981781006 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.409188002	0.409188002 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	0	0 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	✔

Test Step 3.3 (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	-1
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	4.99999987e-005
k_NoofPoles_Uls_f32	4.86000013
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]	0.241790771	0.241790771 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00942759961	0.00942759961 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.00922488794	0.00922488794 ± 0.0000152587890625	✔
CDD_MtrCurr1_Volts_G_f32[0]	1.48473752	1.48473752 ± 32	✔
CDD_MtrCurr1_Volts_G_f32[1]	1.00891805	1.00891805 ± 32	✔
CDD_MtrCurr2_Volts_G_f32[0]	0.0671550706	0.0671550706 ± 32	✔
CDD_MtrCurr2_Volts_G_f32[1]	1.00891805	1.00891805 ± 32	✔
CDD_MtrCurrDax_Amp_G_f32[0]	41.8623085	41.8623085 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	198.008911	198.008911 ± 0.03	✔
CDD_MtrCurrK1_Amps_G_f32[0]	313.270416	313.270416 ± 32	✔
CDD_MtrCurrK1_Amps_G_f32[1]	18.0089188	18.0089188 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[0]	25.7452164	25.7452164 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	198.008911	198.008911 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	63.0089188	63.0089188 ± 0.03	✔

Test Step 3.4 (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

Name	Input Value
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	2.09999998e-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	0.000199999995
k_NoofPoles_Uls_f32	5.45800018
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]	0.00400000019	0.00400000019 ± 0.0000152587890625	✔
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.174575806	0.174575806 ± 0.0000152587890625	✔
CDD_ElecPosDelayComp_Rad_G_f32	0.0770123824	0.0770123824 ± 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 ± 0.03	✔
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	✔
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 ± 32	✔
CDD_MtrCurrK2_Amps_G_f32[1]	92.7710114	92.7709961 ± 32	✔
CDD_MtrCurrQax_Amp_G_f32[0]	-120.000511	-120.000511 ± 0.03	✔
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	✔

Project	CmMtrCurr1
Module	CmMtrCurr_MTRCURRPHASEBA_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	$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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_MTRCURRPHASEBA_ON	***************************************Unit Test Information*************************************** 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 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 :- 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

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	$(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    743.00 Cycles
TS1.2    669.00 Cycles
TS1.3    621.00 Cycles
TS1.4    621.00 Cycles
TS1.5    621.00 Cycles
TS1.6    621.00 Cycles
TS1.7    621.00 Cycles
TS1.8    621.00 Cycles
TS1.9    621.00 Cycles
TS1.10   621.00 Cycles
TS1.11   621.00 Cycles
TS1.12   621.00 Cycles
TS1.13   621.00 Cycles
TS1.14   621.00 Cycles
TS1.15   621.00 Cycles
TS1.16   621.00 Cycles
TS1.17   621.00 Cycles
```

Description   Vector Description:

TS1.1 All Min
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==>Zero
TS1.7 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==>Zero
TS1.12 CurrTempOffCal1.CurrOffsetY1_Volts_s4p11==>Neg
TS1.13 CurrTempOffCal1.CurrOffsetY2_Volts_s4p11==>Min
TS1.14 CurrTempOffCal1.CurrOffsetY2_Volts_s4p11==>Max
TS1.15 CurrTempOffCal1.CurrOffsetY2_Volts_s4p11==>Pos
TS1.16 CurrTempOffCal1.CurrOffsetY2_Volts_s4p11==>Zero
TS1.17 CurrTempOffCal1.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_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

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_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	✔

T			✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	✔

Name	Actual Value	Expected Value	Result
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	✓

T					✓
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)		✓
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	

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	✔

T					✔
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]	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
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	4800
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	4800
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4800
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]	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
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]	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	✔
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	✔
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	✔

Name	Actual Value	Expected Value	Result
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]	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	✔

T			✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	✔

Test Step 1.5 (Repeat Count = 1)		✔
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	

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	✔
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]	-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	✔

T			✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	✔

Test Step 1.6 (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]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	0
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
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]	4
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]	0	0	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	0	0	✔
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.CurrOffsetY1_Volts_s4p11[2]	6	6	✔

Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8	8	✔
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	✔
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	16	16	✔
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	✔

T			✔
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)	✔
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

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]	-1536	-1536	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1440	-1440	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-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	✔
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	✔

T				✔
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[12]	1280
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	1920
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	2240
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
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]	-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	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2560	2560	✔
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	✔

Name	Actual Value	Expected Value	Result
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]	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	✔

T			✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	✔

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	

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]	-1120	-1120	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-896	-896	✔
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	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	224	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]	896	896	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1120	1120	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1344	1344	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1568	1568	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1792	1792	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	2016	2016	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2240	2240	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	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	✔
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]	-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	✔

T					✔
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
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1024
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
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
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]	4
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	704	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	928	928	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1024	1024	✔
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	✔

Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8	8	✔
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	✔
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	16	16	✔
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	✔

T					✔
Actual Function		**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock		1	Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	✔

Test Step 1.11 (Repeat Count = 1)		✔
Name	**Input Value**	
CurrTempOffCal	tgt_CurrTempOffCal	
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[9]	1056	
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	

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	✔
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	✔

T				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_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]	736
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1056
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	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
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4640
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]	-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
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]	-928	-928	✔
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]	2688	2688	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	2848	2848	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3200	3200	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	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]	-16	-16	✔
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-18	-18	✔

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	✔
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-45	-45	✔

T					✔
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)		✔
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	

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[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	✔

T				✔
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
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3424
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
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]	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]	224	224	✔
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]	4704	4704	✔
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	✔

Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8	8	✔
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]	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	✔

T				✔
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)		✔
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	

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]	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	✔

T				✔
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
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-1184
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-928
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	480
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]	4544
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	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]	-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]	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]	0
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	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2496	2496	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3552	3552	✔
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	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]	-16	-16	✔
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-18	-18	✔

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	✔

T					✔
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	

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[15]	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	✔
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]	-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	✔

T				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	✔

Project	CmMtrCurr1
Module	CmMtrCurr_MTRCURRPHASEBA_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	$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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_MTRCURRPHASEBA_ON	**********************************Unit Test Information***************************** 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 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 :- 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

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	$(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
```

Description   VECTOR 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 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 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 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	✔

Project	CmMtrCurr1
Module	CmMtrCurr_MTRCURRPHASEBA_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	$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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_MTRCURRPHASEBA_ON	*************************************Unit Test Information*** 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 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 :- 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

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	$(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

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

CPU Cycles:

TS1.1    494.00 Cycles
TS1.2    494.00 Cycles
TS1.3    494.00 Cycles
TS1.4    494.00 Cycles
TS1.5    494.00 Cycles
TS1.6    494.00 Cycles
TS1.7    494.00 Cycles
TS1.8    494.00 Cycles
TS1.9    494.00 Cycles
TS1.10   494.00 Cycles
TS1.11   494.00 Cycles
TS1.12   494.00 Cycles
TS1.13   494.00 Cycles
TS1.14   494.00 Cycles
TS1.15   494.00 Cycles
TS1.16   494.00 Cycles
TS1.17   494.00 Cycles
TS1.18   494.00 Cycles
TS1.19   494.00 Cycles
TS1.20   494.00 Cycles
TS1.21   494.00 Cycles
TS1.22   494.00 Cycles
TS1.23   494.00 Cycles
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Description VECTOR 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
TS1.10 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==>Max
TS1.17 ShCurrCalPtr1.EOLMtrCurr2OffsetLo_Volts_f32==>Pos
TS1.18 ShCurrCalPtr1.EOLMtrCurr1OffsetDiff_Volts_f32==>Min
TS1.19 ShCurrCalPtr1.EOLMtrCurr1OffsetDiff_Volts_f32==>Max
TS1.20 ShCurrCalPtr1.EOLMtrCurr1OffsetDiff_Volts_f32==>Pos
TS1.21 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Min
TS1.22 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Max
TS1.23 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos

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	✔

T				✔
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	✔

T				✔
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	✔

T				✔
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	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	112.491722	112.4917227 ± 0.002	✔

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	✔

T			✔
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	✔

T			✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	✔

Test Step 1.6 (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	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	✔

T			✔
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

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	✔
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.70748878	1.707488775 ± 0.0003	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✔

T					✔
Actual Function		**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock		1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	✔

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	✔

T					✔
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	✔

T				✔
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	✔

T				✔
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	✔

T				✔
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

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	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✔

T			✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	✔

Test Step 1.13 (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	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	✔

T			✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	✔

Test Step 1.14 (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	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	✔

T			✔
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	✔

T				✔
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	✔

T				✔
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	✔

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	✔

T				✔
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	✔

T				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	✔

Test Step 1.19 (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	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	✔

T				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	✔

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	✔
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.94407332	1.944073379 ± 0.0003	✔

T ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	✔

Test Step 1.21 (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	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	✔

T ✔

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	✔

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	✔

T			✔
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	✔

T			✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	✔

Project	CmMtrCurr1
Module	CmMtrCurr_MTRCURRPHASEBA_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	$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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

Module 'CmMtrCurr_MTRCURRPHASEBA_ON	**Unit Test Information***************************************
	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 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 :- 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   1036.00 Cycles
TC1.2   1052.00 Cycles
```

Description   VECTOR DESCRIPTION:

TS1.1   Shortest Execution Path==> (Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) = False
TS1.2   "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_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	-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	✔

T					✔
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_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	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	✔

T					✔
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 Case 2: Range Test

Specification	Performance Metrics : [With "None" Instrumentation and WithPS Environment] CPU Cycles: TC2.1 1036.00 Cycles TC2.2 1036.00 Cycles TC2.3 1036.00 Cycles TC2.4 1036.00 Cycles TC2.5 1036.00 Cycles TC2.6 1036.00 Cycles TC2.7 1036.00 Cycles TC2.8 1046.00 Cycles TC2.9 1034.00 Cycles TC2.10 1036.00 Cycles TC2.11 1046.00 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 TC2.20 1044.00 Cycles
Description	VECTOR DESCRIPTION: TS2.1All Min TS2.2All Max TS2.3CurrentGainSvc_Cnt_M_lgc==>True TS2.4CurrentGainSvc_Cnt_M_lgc==>False TS2.5MtrVel_MtrRadpS_f32==>Min TS2.6MtrVel_MtrRadpS_f32==>Max TS2.7MtrVel_MtrRadpS_f32==>Pos TS2.8MtrVel_MtrRadpS_f32==>Zero TS2.9MtrVel_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==>Pos TS2.15k_MaxCurrOffMtrVel_RadpS_f32==>Zero TS2.16k_MaxCurrOffMtrVel_RadpS_f32==>Neg TS2.17k_MaxCurrOffMtrVel_RadpS_f32==>Default 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_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	-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	✔

T				✔
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 2.2 (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_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	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	✔

T				✔
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_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	-6.32499981
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	✔

T				✔
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 2.4 (Repeat Count = 1) ✔

Name	Input Value
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_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	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	✔

T				✔
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 2.5 (Repeat Count = 1)			✔
Name	**Input Value**		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_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	-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	✔

T				✔
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_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	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	✔

T				✔
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 2.7 (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_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	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**

T					✔
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 2.10 (Repeat Count = 1) ✔

Name	Input Value
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_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	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	✔

T					✔
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_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	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	✔

T					✔
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_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	-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	✔

T					✔
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_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	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	✔

T					✔
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 2.14 (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	✔

T					✔
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 2.15 (Repeat Count = 1)			✔
Name	**Input Value**		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_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	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	✔

T					✔
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_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	-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	✔

T					✔
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 2.17 (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	✔
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✔

T					✔
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_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	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	✔

T					✔
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 2.19 (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	✔

T ✔

T				✔
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 3.2 (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_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	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	✔

T				✔
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_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	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	✔

T				✔
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 3.4 (Repeat Count = 1) ✔

Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_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	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	✔
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	✔

T				✔
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_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	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	✔

T				✔
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	✔

Project	CmMtrCurr1
Module	CmMtrCurr_MTRCURRPHASEBA_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	$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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_MTRCURRPHASEBA_ON	***************************************Unit Test Information*************************************** 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 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 :- 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

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	$(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

T				✓
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_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_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	✓

T				✔
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]

CPU Cycles:

TC2.1    1047.00 Cycles
TC2.2    1047.00 Cycles
TC2.3    1047.00 Cycles
TC2.4    1073.00 Cycles
TC2.5    1071.00 Cycles
TC2.6    1220.00 Cycles
TC2.7    1047.00 Cycles
TC2.8    1073.00 Cycles
TC2.9    1047.00 Cycles
TC2.10   1301.00 Cycles
TC2.11   1047.00 Cycles
TC2.12   1073.00 Cycles
TC2.13   1202.00 Cycles
TC2.14   1421.00 Cycles
TC2.15   1073.00 Cycles
TC2.16   1220.00 Cycles
TC2.17   1047.00 Cycles
TC2.18   1281.00 Cycles
TC2.19   1381.00 Cycles
TC2.20   1441.00 Cycles
TC2.21   1301.00 Cycles
TC2.22   1242.00 Cycles
```

Description

VECTOR DESCRIPTION:

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.CurrOffsetY1_Volts_s4p11==>Min
TS2.14 Rte_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11==>Max
TS2.15 Rte_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11==>Pos
TS2.16 Rte_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11==>Zero
TS2.17 Rte_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11==>Neg
TS2.18 Rte_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11==>Min
TS2.19 Rte_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11==>Max
TS2.20 Rte_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11==>Pos
TS2.21 Rte_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11==>Zero
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

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_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	✔

T				✔

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

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_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	✓

T				✓

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

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_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	-0.0219726563	-0.021972656 ± 0.00000009	✔
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0219726563	-0.021972656 ± 0.00000009	✔

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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	

Name	Input Value
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
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

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	✔

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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 2.5 (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

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_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	-0.0112304688	-0.011230469 ± 0.00000009	✔
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0112304688	-0.011230469 ± 0.00000009	✔

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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	

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_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	0.00390625	0.00390625 ± 0.000000009	✔
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.00390625	0.00390625 ± 0.000000009	✔

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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
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-25

Name	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		
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	✔

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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 2.8 (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	

Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	25		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1FiltCntrlTemp_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		
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	✔

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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)		✔
Name	**Input Value**	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	-26.43644691	
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]	-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	
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_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	

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	✔

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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]	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_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	0.0078125	0.0078125 ± 0.000000009	✔
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0078125	0.0078125 ± 0.000000009	✔

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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)		✔
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	
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_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	0.0009765625	0.000976563 ± 0.0000000009	✔

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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	**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		
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]	-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_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	-0.0068359375	-0.006835938 ± 0.000000009	✔

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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_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	18.53833246		
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]	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_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		
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	0.0009765625	0.000976563 ± 0.0000000009	✔

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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	**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_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		
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	-0.0131835938	-0.013183594 ± 0.00000009	✔

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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 2.15 (Repeat Count = 1)		✔
Name	**Input Value**	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	122.2946655	
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]	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_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	0.0161132813	0.016113281 ± 0.00000009	✔
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0161132813	0.016113281 ± 0.00000009	✔

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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_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	0 ± 0.000009	✔
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0185546875	-0.018554688 ± 0.00000009	✔

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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**	
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]	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]	-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	
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_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	0.0009765625	0.000976563 ± 0.0000000009	✔

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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_Rte_Inst_Sa_CmMtrCurr	
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	24.05693763	
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	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	608	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	736	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	832	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	928	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1056	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1152	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1248	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1376	
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]	-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]	-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_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	-0.0161132813	-0.016113281 ± 0.00000009	✔
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063	-0.025878906 ± 0.00000009	✔

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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 2.19 (Repeat Count = 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	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-608	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	0	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	736	
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	
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_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	0.0078125	0.0078125 ± 0.000000009	✔
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0258789063	0.025878906 ± 0.00000009	✔

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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	**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_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	0.0151367188	0.015136719 ± 0.00000009	✔

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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	
tgt_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[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_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	0.0078125	0.0078125 ± 0.00000009	✔
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0	0 ± 0.000009	✔

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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 2.22 (Repeat Count = 1)	✔
Name	**Input Value**
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	45.66239232
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]	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]	-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_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	0.0048828125	0.004882813 ± 0.000000009	✔
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0180664063	-0.018066406 ± 0.00000009	✔

T				✔
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	✔

Razorcat

Project	CmMtrCurr1
Module	CmMtrCurr_MTRCURRPHASEBA_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	$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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_MTRCURRPHASEBA_ON	*************************************Unit Test Information*** 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 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 :- 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

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	$(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    13.00 Cycles
TS1.2    13.00 Cycles
TS1.3    13.00 Cycles
TS1.4    13.00 Cycles
TS1.5    13.00 Cycles
TS1.6    13.00 Cycles
TS1.7    13.00 Cycles
TS1.8    13.00 Cycles
TS1.9    13.00 Cycles
TS1.10   13.00 Cycles
TS1.11   13.00 Cycles
TS1.12   13.00 Cycles
TS1.13   13.00 Cycles
TS1.14   13.00 Cycles
TS1.15   13.00 Cycles
TS1.16   13.00 Cycles
TS1.17   13.00 Cycles
TS1.18   13.00 Cycles
TS1.19   13.00 Cycles
TS1.20   13.00 Cycles
TS1.21   13.00 Cycles
TS1.22   13.00 Cycles
TS1.23   13.00 Cycles
```

Description   VECTOR DESCRIPTION:

TS1.1 All Min
TS1.2 All Max
TS1.3 Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Min
TS1.4 Rte_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32==>Max
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
TS1.8 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.EOLMtrCurr2OffsetLo_Volts_f32==>Min
TS1.16 Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32==>Max
TS1.17 Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32==>Pos
TS1.18 Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32==>Min
TS1.19 Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32==>Max
TS1.20 Rte_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32==>Pos
TS1.21 Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Min
TS1.22 Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Max
TS1.23 Rte_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32==>Pos

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	1	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 1.2 (Repeat Count = 1) ✔

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

Name	Input Value		
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	✔
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✔
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✔

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 1.4 (Repeat Count = 1) ✔

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	✔
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 1.5 (Repeat Count = 1) ✔

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
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		

Name	Input Value		
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 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 1.7 (Repeat Count = 1) ✔

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
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	✔
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	1.40227902	1.40227896 ± 0.0003	✔

Test Step 1.8 (Repeat Count = 1) ✔

Name	Input Value		
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		

Name	Input Value		
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 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 1.10 (Repeat Count = 1)   ✔

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 1.11 (Repeat Count = 1) ✔

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 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
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 1.13 (Repeat Count = 1) ✔

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 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 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 1.16 (Repeat Count = 1) ✔

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 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	✔
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 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 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 1.20 (Repeat Count = 1) ✔

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 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 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	✔
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 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	✔

Project	CmMtrCurr1
Module	CmMtrCurr_MTRCURRPHASEBA_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	$(PROJECTROOT)\CmMtrCurr\src\Sa_CmMtrCurr.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASEBA -I$(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_MTRCURRPHASEBA_ON	**************************************Unit Test Information**
	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 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 :- 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    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_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	✔

T				✔
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 1.2 (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_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

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 Case 2: Range Test ✔

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

CPU Cycles:

TC2.1    778.00 Cycles
TC2.2    779.00 Cycles
TC2.3    779.00 Cycles
TC2.4    779.00 Cycles
TC2.5    779.00 Cycles
TC2.6    779.00 Cycles
TC2.7    779.00 Cycles
TC2.8    820.00 Cycles
TC2.9    781.00 Cycles
TC2.10   788.00 Cycles
TC2.11   777.00 Cycles
TC2.12   790.00 Cycles
TC2.13   777.00 Cycles
TC2.14   779.00 Cycles
TC2.15   779.00 Cycles
TC2.16   779.00 Cycles
TC2.17   779.00 Cycles
TC2.18   779.00 Cycles
TC2.19   820.00 Cycles
TC2.20   837.00 Cycles
TC2.21   819.00 Cycles
TC2.22   1096.00 Cycles
TC2.23   819.00 Cycles
TC2.24   818.00 Cycles
TC2.25   818.00 Cycles
TC2.26   837.00 Cycles
TC2.27   819.00 Cycles
TC2.28   824.00 Cycles
TC2.29   819.00 Cycles
TC2.30   818.00 Cycles
TC2.31   818.00 Cycles
TC2.32   818.00 Cycles
TC2.33   831.00 Cycles
TC2.34   832.00 Cycles
TC2.35   819.00 Cycles
TC2.36   824.00 Cycles
TC2.37   819.00 Cycles
TC2.38   818.00 Cycles
TC2.39   818.00 Cycles
TC2.40   824.00 Cycles
TC2.41   790.00 Cycles
TC2.42   895.00 Cycles
TC2.43   888.00 Cycles
TC2.44   789.00 Cycles
TC2.45   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
TS2.6MtrVel_MtrRadpS_f32==>Zero
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==>Zero
TS2.18k_MaxCurrOffMtrVel_RadpS_f32==>Neg
TS2.19k_MaxCurrOffMtrVel_RadpS_f32==>Default
TS2.20k_CurrGainNumerator_Amps_f32==>Min
TS2.21k_CurrGainNumerator_Amps_f32==>Max
TS2.22k_CurrGainNumerator_Amps_f32==>Pos
TS2.23k_CurrGainNumerator_Amps_f32==>Default
TS2.24FiltMtrCurr1_Volts_M_f32==>Min
TS2.25FiltMtrCurr1_Volts_M_f32==>Max
TS2.26FiltMtrCurr1_Volts_M_f32==>Pos
TS2.27FiltMtrCurr2_Volts_M_f32==>Min
TS2.28FiltMtrCurr2_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
TS2.35MtrCurr2OffsetZero_Volts_M_f32==>Pos
TS2.36k_MtrCurrEOLMinGain_AmpspVolts_f32==>Min
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

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	✔

T					✔
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 2.2 (Repeat Count = 1) ✔

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_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	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	✔

T					✔
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_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	✔

T				✔
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 2.4 (Repeat Count = 1) ✔

Name	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_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	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	Result
CmMtrCurr_SCom_CalGain()	34	34	✔
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20	20	✔
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	89.4126968	89.4126968	✔

T				✔
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_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	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	✔

T			✔

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 2.6 (Repeat Count = 1) ✔

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_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	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	Result
CmMtrCurr_SCom_CalGain()	34	34	✔
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53	53	✔
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	112.796776	112.796776	✔

T			✔

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_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	65.2313766		
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	✔

T				✔
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) ✔

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_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	65.5278931		
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	✔

T				✔
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 2.9 (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	✔
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31	31	✔

T				✔
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 2.10 (Repeat Count = 1) ✔

Name	Input Value
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	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_VehSpd_Kph_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	87.3520889
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_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	112.221352
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	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	✔

T				✔
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)

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_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	45.8946037
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	✔

T				✔
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	✔

T				✔
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	✔

T				✔
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_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	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	✔

T				✔
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_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	✔

T				✔
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	✔

T				✔
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) ✔

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_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	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	✔

T				✔
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	✔

T				✔
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_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	✔

T				✔
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 2.21 (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_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
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	✔

T					✔
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_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	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	✔

T					✔
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

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_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	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	✔

T					✔
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 2.26 (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_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	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	✔

T					✔
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_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	✔

T				✔
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_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	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	✔

T				✔
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_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	✔

T				✔
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_lgc	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_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	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	✔

T				✔
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_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	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	2.29999995
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	✔

T					✔
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)

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_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	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	✔

T					✔
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_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	68.5189056
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	✔

T				✔
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
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	✔

T				✔
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_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	✔

T				✔
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_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_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	✔

T				✔
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_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	✔

T					✔
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) ✔

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_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	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	✔

T					✔
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_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	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	✔

T				✔
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
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
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	Result
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	✔

T				✔
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	✔

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Test Step 2.41 (Repeat Count = 1) ✔

Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	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_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	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	✔

T				✔
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) ✔

Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
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_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	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	✔

T				✔
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 2.43 (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	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	✔
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357	80.8725357	✔

T				✔
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 2.44 (Repeat Count = 1) ✔

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	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_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	56.0292397
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_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	✔

T				✔
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 2.45 (Repeat Count = 1)			✔
Name	**Input Value**		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
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		
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		
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	✔

T				✔
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 3: Path Test ✔

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

```
CPU Cycles:

TC3.1    778.00 Cycles
TC3.2    1098.00 Cycles
TC3.3    788.00 Cycles
TC3.4    824.00 Cycles
TC3.5    1097.00 Cycles
TC3.6    781.00 Cycles
TC3.7    790.00 Cycles
TC3.8    818.00 Cycles
TC3.9    831.00 Cycles
TC3.10   838.00 Cycles
TC3.11   839.00 Cycles
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
((MtrCurr2Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_AmpspVolts_f32) &&
(MtrCurr2Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32) &&
(MtrCurr1Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_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&&
(MtrCurr2Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32) ==>False&&
(MtrCurr1Gain_AmpspVolt_T_f32 >= k_MtrCurrEOLMinGain_AmpspVolts_f32) &&
(MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32))=False"
TS3.5"((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32)=True &&
(ProductionMode != Mec_Cnt_T_enum)=False)"
TS3.6if ((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32)==>True && (CmMtrCurr_CurrentGainSvc_Cnt_M_lgc ==
TRUE)==>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) &&
(MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32))"
TS3.9"((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)==>False &&
(MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32))"
TS3.10"((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)==>FTrue &&
(MtrCurr1Gain_AmpspVolt_T_f32 <= k_MtrCurrEOLMaxGain_AmpspVolts_f32)==>False)"
TS3.11 (Abs_f32_m(CmMtrCurr_FiltMtrCurr1_Volt_M_f32 - CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32) > FLT_EPSILON)=true
&&(Abs_f32_m(CmMtrCurr_FiltMtrCurr2_Volt_M_f32 - CmMtrCurr_MtrCurr2OffsetZero_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
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	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	✔

T				✔
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 3.2 (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_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	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	✔

T				✔
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
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	✔
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31	31	✔

T				✔
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_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	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	✔

T				✔
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_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	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	✔

T				✔
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	✔

T				✔
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		
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		
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	✔

T				✔
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 3.8 (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_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	65.5278931		
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	✔

T				✔
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	✔

T				✔
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 3.10 (Repeat Count = 1)			✔
	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_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		
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	✔

T					✔
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 3.12 (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**	**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	✔

T					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1		