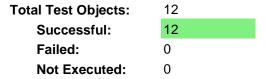


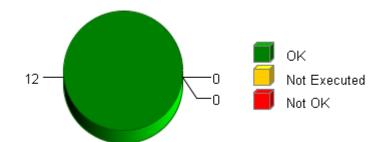
#### **Summary**

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



Date: 2016-07-24

Time: 14:12:48+0530



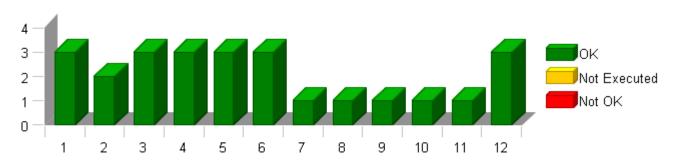
#### **Selected Project Items**

Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASECA ON/CmMtrCurr Init" Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASECA ON/CmMtrCurr Per1" Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASECA\_ON/CmMtrCurr\_Per2" Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASECA ON/CmMtrCurr Per3" Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASECA\_ON/CmMtrCurr\_SCom\_CalGain" Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASECA ON/CmMtrCurr SCom CalOffset" Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASECA\_ON/CmMtrCurr\_SCom\_MtrCurrOffReadStatus" Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASECA\_ON/CmMtrCurr\_SCom\_ReadMtrCurrCals" Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASECA ON/CmMtrCurr SCom SetMtrCurrCals" Test Object "CBD\_UnitTest/CmMtrCurr\_MTRCURRPHASECA\_ON/CmMtrCurrTempOffset\_Scom\_Get" Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASECA ON/CmMtrCurrTempOffset Scom Set" Test Object "CBD UnitTest/CmMtrCurr MTRCURRPHASECA ON/CurrDQPer1"

#### **Used Test Environments**

TI TMS 570 PLS UDE (Default)

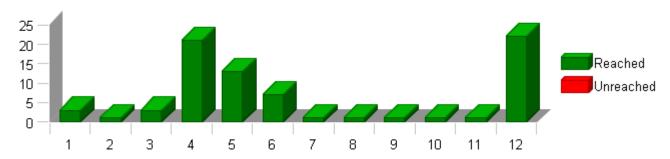
#### Test Case Results for Each Test Object (without Coverage)



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).

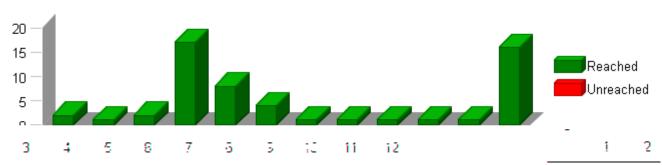


### Statement (C0) Coverage: Total Statements for Each Test Object



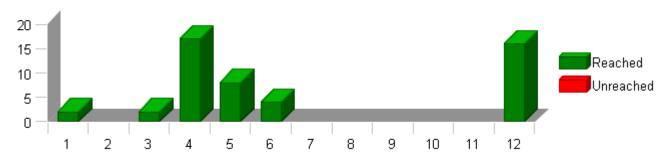
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

### 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**

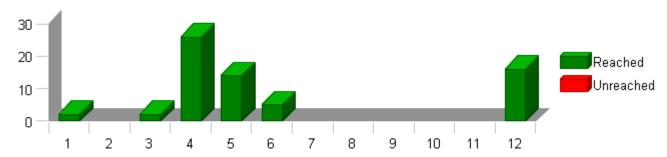


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



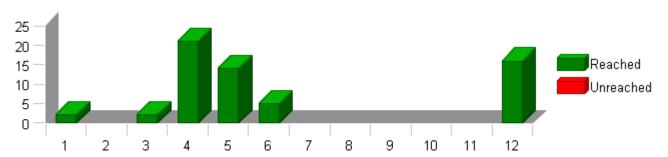
### MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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CmMtrCurr\_Per1

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Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASECA\_ON

Test Object CmMtrCurr\_Per1

#### Instrumentation: Test Object Only

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

#### **Statistics**

Total Testcases	2	
Successful	2	<b>~</b>
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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

lame	Text
Module CmMtrCurr_MTRCURRPHASECA_ON	Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2 Module Design Document:CmMtrCurr_MDD.docx Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32 Total FLASH Used (Bytes):3176 Total FLASH Used (Bytes):3176 Total RAM Used (Bytes):3176 Total RAM Used (Bytes):46 Special Test Requirements:NA Test Date:7/23/2016 Comments: "Note1: Inline functions defined in globalmacro.h are not unit tested.  Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference.  Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors.accepted by devloper variables are :- MtrCurr1SumHi_Volt_M_f32_, VecuSum_Volt_M_f32_, MtrCurr1SumLo_Volt_M_f32_, MtrCurr2SumLo_Volt_M_f32_, MtrCurr2SumLo_Volt_M_f32_, MtrCurr2SumLo_Volt_M_f32_, MtrCurr1SumLo_Volt_M_f32_, Tangel Sum

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

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Attributes	Attributes					
Name	Value					
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>					
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src					
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd					
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_Ps.tpl					
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 4.4</pre>					
Time Unit	cycles					
Timer Enabled	false					
Timer Prescale	0					
Timer Resolution						
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg					
Workspace File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP					



#### Test Case 1: Metrics Test

Specification

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

CPU Cycles:

TC1.1 1220.00 Cycles TC1.2 1220.00 Cycles

Description VECTOR DESCRIPTION:

TS1.1 Shortest Execution Path==> IntplVarXY\_s16\_s16Xs16Y\_Cnt = False TS1.2 Longest Execution Path==> IntplVarXY\_s16\_s16Xs16Y\_Cnt = True

Test Step 1.1 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-160		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-32		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	800		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1600		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2592		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2720		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2880		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	3040		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3072		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3104		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3840		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4000		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4160		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4320		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32			
tgt_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	~



Τ				<b>✓</b>
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_rim_currTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[2]	6		
	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]			
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_t	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_Pim_CurrTempOffset		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Fiiii_Cuii FeiiipOliset		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Name	Actual Value	Expected Value	Resu
		Expected Value 0.00390625 ± 0.000000009	Resu





T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

# Test Case 2: Range Test Specification Performance Metrics : [With "None" Instrumentation and WithPS Environment] 1047.00 Cycles 1047.00 Cycles 1047.00 Cycles 1047.00 Cycles 1073.00 Cycles 1071.00 Cycles 1202.00 Cycles 1047.00 Cycles 1020.00 Cycles 1202.00 Cycles 1202.00 Cycles 1202.00 Cycles 1220.00 Cycles 1220.00 Cycles 1231.00 Cycles 1241.00 Cycles 1281.00 Cycles 1381.00 Cycles 1381.00 Cycles 1381.00 Cycles TC2.1 TC2.1 TC2.2 TC2.3 TC2.4 TC2.5 TC2.6 TC2.7 TC2.8 TC2.9 TC2.10 TC2.11 TC2.11 TC2.12 TC2.13 TC2.14 TC2.15 TC2.16 TC2.17 TC2.18 TC2.19 TC2.20 TC2.21 TC2.22 1301.00 Cycles 1242.00 Cycles Description VECTOR DESCRIPTION: TS2.1 All Min TS2.1 All Min TS2.2 All Max TS2.3 FiltCntrlTemp\_DegC\_f32==>Min TS2.4 FiltCntrlTemp\_DegC\_f32==>Max TS2.5 FiltCntrlTemp\_DegC\_f32==>Pos TS2.6 FiltCntrlTemp\_DegC\_f32==>Zero TS2.7 FiltCntrlTemp\_DegC\_f32==>Neg TS2.8 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Min TS2.9 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Max TS2.10 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Pos TS2.11 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Zero TS2.12 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Neg TS2.13 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Neg TS2.13 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Neg TS2.12 Rte\_Pim\_CurrTempOffset.CurrOffsetY\_DegC\_s10p5==> TS2.13 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_volts\_s4p11==>Min TS2.14 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_volts\_s4p11==>Pos TS2.15 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_volts\_s4p11==>Pos TS2.16 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_volts\_s4p11==>Pos TS2.17 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_volts\_s4p11==>Neg TS2.18 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_volts\_s4p11==>Neg TS2.19 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_volts\_s4p11==>Pos TS2.20 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_volts\_s4p11==>Pos TS2.21 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_volts\_s4p11==>Pos TS2.22 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_volts\_s4p11==>Pos

TS2.22 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11==>Neg

Test Step 2.1 (Repeat Count = 1)   ✓				
Name	Input Value			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	-50			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-1600			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-53			
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[2]	-53			

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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_FiltCntrlTem	p_DegC_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1Ten	npOffset_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Ten	npOffset_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Resul
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0258789063	-0.025878906 ± 0.00000009	•
tgt CmMtrCurr Per1 MtrCurr2TempOffset Volt f32.value	-0.0258789063	-0.025878906 ± 0.00000009	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	<b>~</b>
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	<b>✓</b>
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	-

Test Step 2.2 (Repeat Count = 1)	<b>✓</b>
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

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

Τ				<b>✓</b>
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)	<b>✓</b>
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

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

Τ				<b>✓</b>
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	<b>~</b>
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

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

tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per1\_MtrCurr2TempOffset\_Volt\_f32

 $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_CurrTempOffset$ 

tgt\_CmMtrCurr\_Per1\_MtrCurr1TempOffset\_Volt\_f32.value

tgt\_CmMtrCurr\_Per1\_MtrCurr2TempOffset\_Volt\_f32.value

CmMtrCurr\_Per1

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Result

Input Value  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[15]$ 25 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[0] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[1] 2 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[2] 2 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[3] 2 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[4] 2 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[5] 4  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[6]$ 6 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[7] 8  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[8]$ 10 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[9] 12 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[10] 14 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[11] 16 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[12] 18 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[13] 20 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[14] 23  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[15]$ 25 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per1\_FiltCntrlTemp\_DegC\_f32 tgt\_CmMtrCurr\_Per1\_FiltCntrlTemp\_DegC\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per1\_MtrCurr1TempOffset\_Volt\_f32$  $tgt\_CmMtrCurr\_Per1\_MtrCurr1TempOffset\_Volt\_f32$ 

Τ				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

0.0122070313

0.0122070313

tgt\_Pim\_CurrTempOffset

Actual Value

tgt\_CmMtrCurr\_Per1\_MtrCurr2TempOffset\_Volt\_f32

**Expected Value** 

0.012207031 ± 0.00000009

0.012207031 ± 0.00000009

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

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

T				<b>✓</b>
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	<b>✓</b>
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	<b>✓</b>

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

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

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

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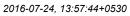


Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-14		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_\	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_\text{'}	Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0219726563	-0.021972656 ± 0.00000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0219726563	-0.021972656 ± 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 2.8 (Repeat Count = 1)	
Name	Input Value
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	17.9649561
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1600
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[3]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1600
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[6]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-1600
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[9]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[15]	-1600
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	1
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[1]	2
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[2]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	2
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	4
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	6
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	8
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[8]	10
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	12
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[10]	14
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	16
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[14]	23
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	1
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[1]	2
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	2
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	2
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[4]	2
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	4
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	6
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	8
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	10
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[9]	12
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	14
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	16
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[12]	18
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	20
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	23
-9	

CmMtrCurr\_Per1





Name	Input Value		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	25		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_	_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_	_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0122070313	0.012207031 ± 0.00000009	~
tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0122070313	0.012207031 ± 0.00000009	<b>✓</b>

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

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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	~

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.10 (Repeat Count = 1)	Innut Value	
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] tqt_Pim_CurrTempOffset.CurrTempOffsetX_DeqC_s10p5[5]	960 1280	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1440	
	1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] tqt_Pim_CurrTempOffset.CurrTempOffsetX_DeqC_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[10]	2720	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3040	
	3360	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	3680 4160	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	2	
tgt_Fim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	4	
tgt_rim_currempOffset.CurrOffsetY1_Volts_s4p11[1]	6	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	8	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	10	
tgt_rim_currempOffset.CurrOffsetY1_Volts_s4p11[5]	12	
	14	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	16	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18	
tgt_rim_currempOffset.CurrOffsetY1_Volts_s4p11[9]	20	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23	
tgt_Prim_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_r im_ourremponset.ourronsett r_vois_s-p r1[14]	33	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2	
tgt_rim_ourremponset.ourronsetr2_vois_s-pr1[0]	4	
tgt_r im_ourr-emportset.ourroffsetY2_voits_s4p11[2]	6	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10	
tqt 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	
tqt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[11]	25	
tgt_nm_ourremponset.ourronsetr2_vois_s4p11[11]	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	tqt 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	T.OOUIL
avoit_totvoit_totale	0.0078125	•





T				<b>✓</b>
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		
tqt 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		
	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]			
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_FiltCntrlTem	p_DegC_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1Ter		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Ter		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	· <u>-</u> -	
Name	Actual Value	Expected Value	Resu
	-0.0219726563	· ·	INESU
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	-0.0219726563 0.0009765625	-0.021972656 ± 0.00000009 0.000976563 ± 0.0000000009	





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





T				<b>✓</b>
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	Innut Value		
	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_MtrCurr1Temp	- · -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Temp		
tgt Rte Inst Sa CmMtrCurr.Pim CurrTempOffset	tgt Pim CurrTempOffset		
Name	Actual Value	Expected Value	Resul
	-0.0258789063		Resul
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0009765625	-0.025878906 ± 0.00000009 0.000976563 ± 0.0000000009	



Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

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



T				<b>✓</b>
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	<b>✓</b>
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt CmMtrCurr Per1 FiltCntrlTemp DegC f32.value	122.2946655		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	-1440		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1120		
gt_Fini_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-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[0]	-160		
tgt Pim CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	0		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[9]	320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[a]	640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	960		
tgt Pim CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1920		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	2240		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	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		
	10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]			
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	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		
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33	0.00	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_Deg		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffs		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffs	set_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Resu
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	





T				<b>✓</b>
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	<b>✓</b>
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	-

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





T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP0_CheckpointReached	1	~
IntplVarXY_s16_s16Xs16Y_Cnt	2	IntplVarXY_s16_s16Xs16Y_Cnt	2	~
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.17 (Repeat Count = 1) Name	Input Value		
	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	-34.03871846		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	288		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	384		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	608		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	704		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	928		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1024		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1248		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] tqt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	1344 1568		
0	1664		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1888		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1984		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	2208 2304		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]			
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2528 2624		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-45		
	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-43		
tgt_Fim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-37		
tgt_rim_currTempOffset.CurrOffsetY1_Volts_s4p11[5]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-33		
tgt_rim_currTempOffset.CurrOffsetY1_Volts_s4p11[7]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-29		
tgt_rim_currTempOffset.CurrOffsetY1_Volts_s4p11[9]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-25		
tgt_rim_currTempOffset.CurrOffsetY1_Volts_s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tqt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[10]	23		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[11]	25		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_	DegC_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1Temp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Temp		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Resul
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0219726563	-0.021972656 ± 0.00000009	
tgt CmMtrCurr Per1 MtrCurr2TempOffset Volt f32.value	0.0009765625	0.000976563 ± 0.0000000009	



T				<b>✓</b>
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	<b>✓</b>
Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per1_CP1_CheckpointReached	1	~

Test Step 2.18 (Repeat Count = 1) Name	Input Value		
	· ·		
Rte_Inst_Sa_CmMtrCurr tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	tgt_Rte_Inst_Sa_CmMtrCurr 24.05693763		
tgt_Crimiticuti_Fer1_mitchtifferip_DegC_132.value tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	96		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	192		
tgt_rim_currTempOffset.CurrTempOffsetX_DegC_s10p5[1]	288		
tgt_rim_currTempOffset.CurrTempOffsetX_DegC_s10p5[2]	416		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	512		
	608		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	736		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	832		
tgt_nim_curremporiser.curremporiserx_begc_stops[r] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_st0p5[8]	928		
tgt_rim_curremporiser.curremporiserx_begc_s10p5[6]	1056		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1152		
tgt_rim_currTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1248		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1376		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1472		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1568		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	1760		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-45		
tgt_rim_currTempOffset.CurrOffsetY1_Volts_s4p11[1]	-43		
tgt_rim_currTempOffset.CurrOffsetY1_Volts_s4p11[2]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-33		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[7]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-29		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[9]	-27		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[10]	-25		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[11]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-14		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[0]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[1]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[2]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[5]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-53		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[7]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-53		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
	·	From a set of Malana	12
Name	Actual Value	Expected Value	Resul
Name  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	-0.0161132813	-0.016113281 ± 0.00000009	Resul



T				<b>✓</b>
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	Innut Value		
	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_MtrCurr1Tempo	Offset_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Tempo	Offset_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Vame	Actual Value	Expected Value	Resul
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	Innut Value		
	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	143.1812282		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	0		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	960		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1600		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1920		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2240		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2560		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2880		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3200		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3520		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3840		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4160		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4800		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-51		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-49		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-47		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-45		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[12]	27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt CmMtrCurr Per1 FiltCntrlTemp	DegC f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt CmMtrCurr Per1 MtrCurr1Tem		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2Tem		
tgt Rte Inst Sa CmMtrCurr.Pim CurrTempOffset	tgt_Pim_CurrTempOffset	<u></u>	
Name	Actual Value	Expected Value	Resul
	-0.0122070313	-0.012207031 ± 0.00000009	Resul
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0.0122070313	0.015136719 ± 0.00000009	



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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	~

Name	Test Step 2.21 (Repeat Count = 1)	Innut Value		
Ng.   Pan.   Curtimopio Ecul   Pan.	Name	Input Value		
Total Prince Court Frency Offseck Court Frency Offseck Degit 5, 196, 196, 196, 196, 196, 196, 196, 196				
Supplies   CurriampOffices	tgt_CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32.value	79.95160198		
Style   Mourt   Court   Cour	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]			
19, P. D., Cartineyotties, Curriempottes, Dep. 2, 10635]   1946   1954   1954   1954   1954   1954   1954   1955	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	544		
1907. Princ CurriampOffises CurriampOffises () 2   10-58	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	864		
19, Pim. Currierno/Disec Cur	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	1184		
Style   Durf rempofites (Currel rempofites (X Despt. 5190587]   2144   152   Pin. Durf rempofites (Currel rempofites (X Despt. 5190587]   2864   152   Pin. Durf rempofites (Currel rempofites (X Despt. 5190587]   2864   152   Pin. Durf rempofites (Currel rempofites (X Despt. 5190587]   2864   152   Pin. Durf rempofites (Currel rempofites (X Despt. 5190587]   3144   152   Pin. Durf rempofites (Currel rempofites (X Despt. 5190587]   3484   348   3	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1504		
Sp. Pim. CurriempOffset CurriempOffsetX DepC_s10pSf)   2494	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1824		
Style   DurTempOffiee (DurTempOffiee (DesC. 510958)   2784   1879   18	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	2144		
Spt. Pim. Curri FempOffites Curri FempOffites (X. DegC_ stops[11])   3424     tgt. Pim. Curri FempOffites (Curri FempOffites (X. DegC_ stops[11])   3744     tgt. Pim. Curri FempOffites (Curri FempOffites (X. DegC_ stops[11])   3744     tgt. Pim. Curri FempOffites (Curri FempOffites (X. DegC_ stops[12])   4066     tgt. Pim. Curri FempOffites (Curri FempOffites (X. DegC_ stops[14])   4480     tgt. Pim. Curri FempOffites (Curri FempOffites (X. DegC_ stops[14])   4480     tgt. Pim. Curri FempOffites (Curri FempOffites (X. DegC_ stops[14])   4480     tgt. Pim. Curri FempOffites (Curri FempOffites (X. DegC_ stops[14])   4480     tgt. Pim. Curri FempOffites (Curri FempOffites (X. DegC_ stops[14])   4480     tgt. Pim. Curri FempOffites (Curri FempOffites (X. DegC_ stops[14])   4480     tgt. Pim. Curri FempOffites (Curri Offites (Y. Volts., sept 112)   4880     tgt. Pim. Curri FempOffites (Curri Offites (Y. Volts., sept 112)   4980   4980     tgt. Pim. Curri FempOffites (Curri Offites (Y. Volts., sept 116)   4980   4980   4980     tgt. Pim. Curri FempOffites (Curri Offites (Y. Volts., sept 116)   4980   4	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2464		
Sq. Pim. CurrTempOffiest CurrTempOffiestX, DegC_510p5[17]   3744   1972   197	tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	2784		
Sq. Pim CurrTempOffiset CurrTempOffisetX, DegC_s10p5[19]   3424	tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[9]	3104		
Sign Pim CurrTempOffiest CurrTempOffiest X, DegC_510p5[12]		3424		
tgl. Pim. CurrTempOffset. CurrTempOffsetX, DegG_s10p6[13]   4394     tgl. Pim. CurrTempOffset. CurrTempOffsetX, DegG_s10p6[13]   4394     tgl. Pim. CurrTempOffset. CurrTempOffsetX, DegG_s10p6[13]   4394     tgl. Pim. CurrTempOffset. CurrTempOffsetX, DegG_s10p6[15]   4704     tgl. Pim. CurrTempOffset. CurrTempOffsetX, DegG_s10p6[15]   4704     tgl. Pim. CurrTempOffset. CurrOffsetY, Volts_s4p11[1]   4     tgl. Pim. CurrTempOffset. CurrOffsetY, Volts_s4p11[2]   6     tgl. Pim. CurrTempOffset. CurrOffsetY, Volts_s4p11[3]   8     tgl. Pim. CurrTempOffset. CurrOffsetY, Volts_s4p11[6]   10     tgl. Pim. CurrTempOffset. CurrOffsetY, Volts_s4p11[6]   12     tgl. Pim. CurrTempOffset. CurrOffsetY, Volts_s4p11[6]   14     tgl. Pim. CurrTempOffset. CurrOffsetY, Volts_s4p11[6]   18     tgl. Pim. CurrTempOffset. CurrOffsetY, Volts_s4p11[6]   18     tgl. Pim. CurrTempOffset. CurrOffsetY, Volts_s4p11[6]   20     tgl. Pim. CurrTempOffset. CurrOffsetY, Volts_s4p11[6]   31     t				
Sig. Pim_ CurrTempOffset CurrTempOffsetX_DepC_510p5[13]				
Int. Pum. CurrTempOffset.CurrOffsetX_DegC_s10p5[15]   44880   4704   4				
Sp. Pim_CurrTempOffset CurrOffsetY1_Volts_sp11[0]   2   2   2   2   2   2   2   2   2				
Sq. Ping. CurrTempOffset CurrOffsetY1_Volts_s4p11[0]   2   4   4   4   4   4   4   4   4   4				
tqLPm_CurTempOffset CurrOffsetY1_Volts_s4p11 3  6				
Stp.Pim_CurTempOffset.CurrOffsetY1_Voits_sdp11[2]   6   8				
St. Pin. CurrTempOffset.CurrOffserY1_Volts_s4p11[4]				
Sq. Pim_CurrTempOffset CurrOffsetY1_Volts_4ep11[4]   10				
Signar   Fine Curr TempOffset Curr OffsetY   Volts   s4p1   16   14   14   15   16   16   17   16   17   16   17   17				
Stg.Pim_CurrTempOffset CurrOffsetY1_Volts_s4p11[6]   14   15   15   15   15   15   15   15				
Signar   Finis   CurrempOffset CurroffsetY1   Volts   4p11 7    16				
Section   Sect				
SqL Pim_CurTempOffset.CurrOffsetY1_Volts_s4p11[9]   20				
The CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]   23   25   27   27   27   27   27   27   27				
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]   25     tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]   27     tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]   29     tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]   33     tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]   33     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[3]   0     tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]   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[8]   0     tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]   0     tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]   0     tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]   0     tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]   0     tgt_Pim_Curr				
The curremp of the Curr of t				
tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11[13]   29     tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11[14]   31     tgt_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11[15]   33     tgt_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11[1]   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[3]   0     tgt_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11[6]   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[8]   0     tgt_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11[9]   0     tgt_Pim_CurrTempOffset.CurrOffsetY2_volts_s4p11[10]   0     tgt_Pim_Curr				
Sig_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11[14]   31   31   31   31   31   31   31   3	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]			
Sig_Pim_CurrTempOffset.CurrOffsetY_Volts_s4p11[15]   33   33       Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]   0     Sig_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]   0     Sig_Pim_Sig_Remins_Sig_RemMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_Sig_Vint_Sig_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_Sig_Vint_Sig_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_Sig_Vint_Sig_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_Sig_Vint_Sig_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_Sig_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_Sig_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_Sig_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_Sig_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_Sig_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_Sig_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_Sig_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_Sig_CmMtrCurr_Per1_MtrCurr	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]   0	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	31		
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[8] 0 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] 0 tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] 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_Pim_CurrTempOffset.Volt_G12_tgt_CmMtrCurr_Per1_MtrCurrTempOffset_Volt_G12_tgt_CmMtrCurr_Per1_MtrCurrTempOffset_Volt_G12_tgt_CmMtrCurr_Per1_MtrCurrTempOffset_Volt_G12_tgt_CmMtrCurr_Per1_MtrCurrTempOffset_Volt_G12_tgt_CmMtrCurr_Per1_MtrCurrTempOffset_Volt_G12_tgt_CmMtrCurr_Per1_MtrCurrTempOffset_Volt_G12_tgt_CmMtrCurr_Per1_MtrCurrTempOffset_Volt_G12_tgt_CmMtrCurr_Per1_MtrCurrTempOffset_Volt_G12_tgt_CmMtrCurr_Per1_MtrCurrTempOffset_Volt_G12_tgt_CmMtrCurr_Per1_MtrCurrTempOffset_Volt_G12_tgt_CmMtrCurr_Per1_MtrCurr_Per1_MtrCurr_Per1_MtrCurr	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3] 0  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5] 0  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6] 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[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_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 0  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 0  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurrTempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurrTempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurrTempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_Pim_CurrTempOffset_Volt_f32 tgt_Pim_C	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	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[14] 0  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 0  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 0  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 0  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FittCntrITemp_DegC_f32 tgt_CmMtrCurr_Per1_FittCntrITemp_DegC_f32 tgt_CmMtrCurr_Per1_MtrCurr_Pe	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]         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_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]         0           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]         0           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]         0           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]         0           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]         0           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32         tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32           tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32         tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32           tgt_Pim_CurrTempOffset         tgt_Pim_CurrTempOffset           Name <td>tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]</td> <td>0</td> <td></td> <td></td>	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	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_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 0  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 0  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 0  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 1  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 1  tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 1  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempDegC_f32 1  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32 1  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32 1  tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 1  tgt_CmMtrCurr_Per1_MtrCurr3TempOffset_Volt_f32 1  tgt_CmMtrCurr_Per1_MtrCurr3TempOffset_Volt_f32 1  tgt_CmMtrCurr_Per1_MtrCurr3TempOffset_Volt_f32 1  tgt_Pim_CurrTempOffset_Volt_f32 1  tgt_CmMtrCurr_Per1_MtrCurr3TempOffset_Volt_f32 1  tgt_CmMtrCurr_Per1_M	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	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_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]         0           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FitCntrlTemp_DegC_f32         tgt_CmMtrCurr_Per1_FitCntrlTemp_DegC_f32           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32         tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32         tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset         tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32           tgt_Pim_CurrTempOffset         tgt_Pim_CurrTempOffset           Name         Actual Value         Expected Value           tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value         0.0078125         0.0078	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	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_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]         0           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FitCntrlTemp_DegC_f32         tgt_CmMtrCurr_Per1_FitCntrlTemp_DegC_f32           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32         tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32         tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset         tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32           tgt_Pim_CurrTempOffset         tgt_Pim_CurrTempOffset           Name         Actual Value         Expected Value           tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value         0.0078125         0.0078		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[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_FitCntrlTemp_DegC_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.Per1_MtrCurr2TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.Per1_MtrCurr2TempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.Per1_MtrCurr2TempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_Pim_CurrTempOffset_Volt_f32 tgt_Pim_CurrTempOffset_Volt_	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	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_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 0 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.Per1_MtrCurr2TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.Per1_MtrCurr2TempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.Per1_MtrCurr2TempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32 tgt_Pim_CurrTempOffset_Volt_f32 tgt_Pim_CurrTempOffset_Volt_f				
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.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32       tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32         tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset       tgt_Pim_CurrTempOffset_Volt_f32         Name       Actual Value       Expected Value       Res         tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value       0.0078125       0.0078125 ± 0.00000009				
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_FitlCntrlTemp_DegC_f32         tgt_CmMtrCurr_Per1_FitlCntrlTemp_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_Volt_f32           tgt_Pim_CurrTempOffset         tgt_Pim_CurrTempOffset           Name         Actual Value         Expected Value         Res           tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value         0.0078125         0.0078125 ± 0.00000009				
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_Volt_f32         Name       Actual Value       Expected Value       Res         tgt_CmMtrCurr_Per1_MtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value       0.0078125       0.0078125 ± 0.00000009				
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_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.Per1_MtrCurr2TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.Per1_MtrCurr2TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  Value  Actual Value  Expected Value  Res  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value				
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_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  tgt_Pim_CurrTempOffset  Name  Actual Value  Expected Value  Res  gt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.00000009				
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15] 0  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  tgt_Pim_CurrTempOffset  Actual Value  Expected Value  Res  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_0.0078125 ± 0.0078125 ± 0.007800009				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32  tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  tgt_Pim_CurrTempOffset   **Expected Value**  **Res  tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value  **O.0078125**  **O.0078125**  **D.000000009			C 422	
tgt_Rte_Inst_Sa_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset  tgt_Pim_CurrTempOffset  tgt_Pim_CurrTempOffs				
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset         tgt_Pim_CurrTempOffset           Name         Actual Value         Expected Value         Res           tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value         0.0078125         0.0078125 ± 0.00000009				
Name         Actual Value         Expected Value         Res           tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value         0.0078125         0.0078125 ± 0.00000009			et_volt_f32	
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value 0.0078125 0.00000009				
	Name	Actual Value	Expected Value	Resul
$tgt\_CmMtrCurr\_Per1\_MtrCurr2TempOffset\_Volt\_f32.value \\ 0 \\ 0 \pm 0.000009$	tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0078125	0.0078125 ± 0.00000009	•
	tgt_CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32.value	0	0 ± 0.000009	•



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 2.22 (Repeat Count = 1) Name	Innut Value		
	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		
	-29 -27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-2 <i>t</i> -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	0.00	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_FiltCntrlTemp_DegC_f32	tgt_CmMtrCurr_Per1_FiltCntrlTemp_De		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr1TempOf		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per1_MtrCurr2TempOffset_Volt_f32	tgt_CmMtrCurr_Per1_MtrCurr2TempOf	fset_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Resul
tgt_CmMtrCurr_Per1_MtrCurr1TempOffset_Volt_f32.value	0.0048828125	0.004882813 ± 0.000000009	•
tgt CmMtrCurr Per1 MtrCurr2TempOffset Volt f32.value	-0.0180664063	-0.018066406 ± 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	~	

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CmMtrCurr\_SCom\_CalGain

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASECA\_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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtrLib\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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include



CmMtrCurr\_SCom\_CalGain

Module 'CmMtrCurr MTRCURRPHASECA ON 

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

Code File(s) Version:2
Module Design Document: CmMtrCurr\_MDD.docx
Module Design Document Version:2
Data Dictionary Version:2
Unit Test Plan Version:2
Optimization Level: Level 2
Compiler (CodeGen) Version: TMS470\_4.9.5
Model Type: Excel Macro
Model Version: Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32
Total FLASH Used (Bytes):3176
Total RAM Used (Bytes):130
Total CALS Used (Bytes):46
Special Test Requirements: NA
Test Date: 7/23/2016

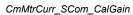
Test Date:7/23/2016
Comments:
"Note1: Inline functions defined in globalmacro.h are not unit tested.

Note2:- ""CBD\_Sandbox\_dbg.map"" map file is embedded for reference.

Note3:-In function ""CmMtrCurr\_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :-MtrCurr2SumHi\_Volt\_M\_f32 , VecuSum\_Volt\_M\_f32 , MtrCurr1SumLo\_Volt\_M\_f32, MtrCurr2SumLo\_Volt\_M\_f32, MtrCurr1SumZero\_Volt\_M\_f32,MtrCurr2SumZero\_Volt\_M\_f32, CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16 .

Note4:-In function CurrDQPer1(), variables 'MtrCurrK1\_Amps\_f32' and 'MtrCurrK2\_Amps\_f32' are going to very large values."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_Ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP





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

Specification

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

TC1.1 778.00 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\_MtrCurrEOLMinGain\_AmpspVolts\_f32) = True && (MtrCurr1Gain\_AmpspVolt\_T\_f32 <= k\_MtrCurrEOLMaxGain\_AmpspVolts\_f32) False"

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

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

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CmMtrCurr\_SCom\_CalGain

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



#### CmMtrCurr\_SCom\_CalGain

#### **Test Case 2: Range Test**

```
Specification
```

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

CPU Cycles:

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

#### Description

#### VECTOR DESCRIPTION:

TS2.1All Min

TS2.2All Max

TS2.3MtrVel\_MtrRadpS\_f32==>Min

TS2.4MtrVel\_MtrRadpS\_f32==>Max TS2.5MtrVel\_MtrRadpS\_f32==>Pos

TS2.5MtrVel\_MtrRadpS\_f32==>Pos
TS2.6MtrVel\_MtrRadpS\_f32==>Pos
TS2.6MtrVel\_MtrRadpS\_f32==>Neg
TS2.7MtrVel\_MtrRadpS\_f32==>Neg
TS2.8VehSpd\_Kph\_f32==>Min
TS2.9VehSpd\_Kph\_f32==>Max
TS2.10VehSpd\_Kph\_f32==>Pos
TS2.11CurrentGainSvc\_Cnt\_M\_lgc==>Min
TS2.12CurrentGainSvc\_Cnt\_M\_lgc==>Max
TS2.13CurrentGainSvc\_Cnt\_M\_lgc==>Pos
TS2.14k\_MaxCurrOffMtrVel\_RadpS\_f32==>Min
TS2.15k\_MaxCurrOffMtrVel\_RadpS\_f32==>Max
TS2.16k\_MaxCurrOffMtrVel\_RadpS\_f32==>Pos
TS2.17k\_MaxCurrOffMtrVel\_RadpS\_f32==>Pos
TS2.18k\_MaxCurrOffMtrVel\_RadpS\_f32==>Neg
TS2.19k\_MaxCurrOffMtrVel\_RadpS\_f32==>Neg
TS2.19k\_MaxCurrOffMtrVel\_RadpS\_f32==>Neg
TS2.19k\_MaxCurrOffMtrVel\_RadpS\_f32==>Default
TS2.20k\_CurrGainNumerator\_Amps\_f32==>Min

TS2.20k\_CurrGainNumerator\_Amps\_f32==>Min TS2.21k\_CurrGainNumerator\_Amps\_f32==>Max TS2.22k\_CurrGainNumerator\_Amps\_f32==>Pos

TS2.22k\_CurrGainNumerator\_Amps\_f32==>Pos
TS2.23k\_CurrGainNumerator\_Amps\_f32==>Default
TS2.24FiitMtrCurr1\_Volts\_M\_f32==>Min
TS2.25FiitMtrCurr1\_Volts\_M\_f32==>Pos
TS2.26FiitMtrCurr2\_Volts\_M\_f32==>Min
TS2.28FiitMtrCurr2\_Volts\_M\_f32==>Max

TS2.29FiltMtrCurr2\_Volts\_M\_f32==>Pos TS2.30MtrCurr1OffsetZero\_Volts\_M\_f32==>Min TS2.31MtrCurr1OffsetZero\_Volts\_M\_f32==>Max

TS2.32MtrCurr1OffsetZero\_Volts\_M\_f32==>Pos TS2.33MtrCurr2OffsetZero\_Volts\_M\_f32==>Min TS2.34MtrCurr2OffsetZero\_Volts\_M\_f32==>Max

TS2.354MtCurr2OffsetZero\_Volts\_M\_f32==>Mix
TS2.35MtrCurr2OffsetZero\_Volts\_M\_f32==>Pos
TS2.36k\_MtrCurrEOLMinGain\_AmpspVolts\_f32==>Mix
TS2.37k\_MtrCurrEOLMinGain\_AmpspVolts\_f32==>Max
TS2.38k\_MtrCurrEOLMinGain\_AmpspVolts\_f32==>Pos

TS2.39k\_MtrCurrEOLMinGain\_AmpspVolts\_f32==>Default TS2.40k\_MtrCurrEOLMaxGain\_AmpspVolts\_f32==>Min TS2.41k\_MtrCurrEOLMaxGain\_AmpspVolts\_f32==>Max

TS2.42k\_MtrCurrEOLMaxGain\_AmpspVolts\_f32==>Pos TS2.43k\_MtrCurrEOLMaxGain\_AmpspVolts\_f32==>Default

TS2.44VhSpdValid\_Cnt\_lgc==>True

TS2.45VhSpdValid\_Cnt\_lgc==>False

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Test Step 2.1 (Repeat Count = 1)			<b>✓</b>
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_M	ltrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20	20	<b>✓</b>

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 Igc	1	Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	~

Test Step 2.2 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125	125	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125	~

Τ					
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)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.15951061		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.61391854		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.28594756		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13913393		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_I	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	31.9035587		
k_MaxCurrOffMtrVel_RadpS_f32	-10.8761864		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	25.1560555		
k_MtrCurrEOLMinGain_AmpspVolts_f32	23.0745354		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.4717789		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-1118		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.42092897e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	34	34	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.4717789	54.4717789	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624	39.4476624	<b>✓</b>

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_MtrV	/el_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Veh	Spd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhS	pdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	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)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.21432745		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.37371659		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_I	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.273819	25.273819	~

Τ					
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)			4
	Innut Value		Ť
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_MtrR	adpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph	n_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	~

Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	•	



Test Step 2.7 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.75539064		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.76694405		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	ltrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	65.2313766		
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.94371	115.94371	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20	20	~

Τ						
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)			<b>✓</b>	
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	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	65.5278931	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)			<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.1647263	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31	31	<u> </u>

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

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	•		

tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32

CmMtrCurr\_SCom\_CalGain



Test Step 2.11 (Repeat Count = 1) Name	Input Value		
	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	~

Τ					
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	~	

30.4687443

30.4687443

Test Step 2.12 (Repeat Count = 1)			<b>✓</b>	
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_N	/trVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	45.8946037	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	<b>*</b>	

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)			<b>✓</b>
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	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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	93.8062134	93.8062134	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.7233143	25.7233143	<b>✓</b>

T				<b>✓</b>
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)			<b>✓</b>	
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_MtrF	RadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kp	h_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid	_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	34.4000244	34.4000244		
k_MaxCurrOffMtrVel_RadpS_f32	-20	-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	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	62.5700874	62.5700874	✓	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	122.058647	122.058647	<b>✓</b>	

Т				
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)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.61595106			
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	5			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	5			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.04681456			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	71.7374725	71.7374725		
k_MaxCurrOffMtrVel_RadpS_f32	20	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	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125	<b>✓</b>	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	~

Test Step 2.16 (Repeat Count = 1)			<b>✓</b>	
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_MtrF	RadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kp	h_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid	_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	46.0540466	46.0540466		
k_MaxCurrOffMtrVel_RadpS_f32	16.4224472	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	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357	80.8725357	<b>✓</b>	

Т				
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)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.77047086			
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.35728502	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_I	MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	85.930069	85.930069		
k_MaxCurrOffMtrVel_RadpS_f32	0	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	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20.5383587	20.5383587	<u> </u>	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	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	<b>✓</b>

Т				<b>✓</b>
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)			<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357	80.8725357	~

T				<b>✓</b>
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)			J.
	Inner A Males		_
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_MtrF	adpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kp	h_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid	_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	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)			<b>✓</b>
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_l	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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	66.9764252	66.9764252	

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

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

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

T				<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>



Test Step 2.25 (Repeat Count = 1)			<b>✓</b>
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_I	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	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	<b>~</b>
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)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.89574933		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.08408523		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.19748688		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.11710191		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrF	RadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kp	h_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	99.3749237		
k_MaxCurrOffMtrVel_RadpS_f32	12		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	124.75901		
k_MtrCurrEOLMinGain_AmpspVolts_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.0303192		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	9		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	74.0303192	74.0303192	✓
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624	39.4476624	~

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

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)			J.
	Immut Value		×
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_MtrF	tadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kp	h_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid	_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	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	<b>✓</b>
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)			<b>✓</b>
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_M	/trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	/hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	112.796776	112.796776	<b>✓</b>

Τ				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

Name	Innut Value			
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	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_	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	69.2344742	69.2344742		
k_MaxCurrOffMtrVel_RadpS_f32	15.1930275			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	89.7380981			
k_MtrCurrEOLMinGain_AmpspVolts_f32	99.2575531			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	100.245132			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	15.1199999			
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	Resul	
CmMtrCurr_SCom_CalGain()	20	20	•	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	100.245132	100.245132		
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	20	20	•	

Τ					
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)			<b>✓</b>	
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_M	ltrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	ehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	hSpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	51.557972	51.557972		
k_MaxCurrOffMtrVel_RadpS_f32	2.55310059			
k_MtrCurrEOLMaxGain_AmpspVolts_f32	118.490364			
k_MtrCurrEOLMinGain_AmpspVolts_f32	61.2193489			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.871002			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2.2999995			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_SCom_CalGain()	20	20	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	104.871002	104.871002	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125	<b>✓</b>	

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	~

Test Step 2.32 (Repeat Count = 1)			<b>✓</b>	
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_Mt	rVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Ve	hSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_Vh	SpdValid_Cnt_lgc_data		
k_CurrGainNumerator_Amps_f32	24.2459946	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	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	54.4717789	54.4717789	<b>✓</b>	
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)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.32434344		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.86266994		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Ve	ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_Vi	hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	68.5189056		
k_MaxCurrOffMtrVel_RadpS_f32	14		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	75.8273315		
k_MtrCurrEOLMinGain_AmpspVolts_f32	37.3105354		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.6057796		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	13		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20	20	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.6057796	31.6057796	<b>✓</b>

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)			<b>✓</b>
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_M	/trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125	125	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	30.4687443	30.4687443	<b>✓</b>

Τ					
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)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.798796892		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.88477182		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.88936687		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrV	el_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Veh	Spd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhS	pdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	87.710968		
k_MaxCurrOffMtrVel_RadpS_f32	10.6504936		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	71.788269		
k_MtrCurrEOLMinGain_AmpspVolts_f32	42.4383621		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	29.3317089		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	10		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	✓
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	53	53	<b>~</b>
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_Igc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.81969237		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.22000003		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.97216618		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_	VhSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	43.4224968		
k_MaxCurrOffMtrVel_RadpS_f32	2.10008311		
k_MtrCurrEOLMaxGain_AmpspVolts_f32	53		
k_MtrCurrEOLMinGain_AmpspVolts_f32	20		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.94371		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	28.1946735		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.720929e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	•
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	115.94371	115.94371	•
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	28.1946735	28.1946735	•

Τ					
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)			<b>✓</b>
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_M	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	27.0576382	27.0576382	

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

T				. 4
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 Iqc	1	Rte Read Sa CmMtrCurr VhSpdValid Cnt lgc	1	<b>~</b>

Test Step 2.40 (Repeat Count = 1)			<b>✓</b>
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_M	/trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_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	•	



Test Step 2.41 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	121.140739	121.140739	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	23.6465321	23.6465321	

Τ				<b>✓</b>
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)			<b>✓</b>
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_Mtr	RadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_K	ph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid	d_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)			<b>✓</b>
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_M	/trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	80.8725357	80.8725357	

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	Rte Read Sa CmMtrCurr VhSpdValid Cnt Igc	1	~

Test Step 2.44 (Repeat Count = 1)			J.
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 MtrPadnS f32 data	
Rte Read Sa CmMtrCurr VehSpd Kph f32(data)	tgt Rte Read Sa CmMtrCurr		
Rte Read Sa CmMtrCurr VhSpdValid Cnt Iqc(data)	tgt Rte Read Sa CmMtrCurr		
k CurrGainNumerator Amps f32	56.0292397	viiopuvaliu_ciii_igc_uata	
k MaxCurrOffMtrVel RadpS f32	0.77640003		
k MtrCurrEOLMaxGain AmpspVolts f32	85,7566376		
k_MtrCurrEOLMinGain_AmpspVolts_f32	61		
tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	64.1647263		
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt_132	25.9206028		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal		
	0		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	0		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	1.92092902e-008		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_SCom_CalGain()	20	20	~
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.1647263	<b>~</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.9206028	25.9206028	✓

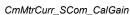
T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	•

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Test Step 2.45 (Repeat Count = 1)			<b>✓</b>
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_M	/trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796	33.0467796	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	24.7835674	24.7835674	<b>✓</b>

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

Test Step 3.1 (Repeat Count = 1)			<b>✓</b>
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	r_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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20	20	✓

TS3.12 [Abs\_f32\_m(CmMtrCurr\_FiltMtrCurr1\_Volt\_M\_f32 - CmMtrCurr\_MtrCurr1OffsetZero\_Volt\_M\_f32) > FLT\_EPSILON)=false



T				<b>✓</b>
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)			<b>✓</b>
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_Mtr\	/el_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Veh	Spd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhS	SpdValid_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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	46.8891907	46.8891945	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	•
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	•

Test Step 3.3 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31	31	~



Т				<b>✓</b>
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 loc	1	Rte Read Sa CmMtrCurr VhSpdValid Cnt lgc	1	_

Test Step 3.4 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	5		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.44428372		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_N	/trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	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	<b>✓</b>

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	<b>✓</b>
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	<b>✓</b>

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_N	MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	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	<b>~</b>
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	46.8891907	46.8891945	<b>✓</b>



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	~	
Pto Call So CmMtrCurr EOI ShCurrCal WritaPlack	1	Dto Coll So CmMtrCurr EOI ShCurrCal MritaBlook	1		

Test Step 3.6 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	64.1647263	64.1647263	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31	31	<b>✓</b>

Actual Function  Rte Read Sa CmMtrCurr MtrVel MtrRadpS f32	1	Expected Function Rte Read Sa CmMtrCurr MtrVel MtrRadpS f32	1	Result
	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	<b> </b>

Test Step 3.7 (Repeat Count = 1)			<b>✓</b>	
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	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)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1		
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.31525755		
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.4392966		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_M	/trVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_\	/hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	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				<b>✓</b>
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	<b>✓</b>
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	<b>✓</b>

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_M	ltrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	ehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_V	hSpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	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	<b>✓</b>
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	29.3317089	29.3317089	✓

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T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~

CmMtrCurr\_SCom\_CalGain

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T					V
	Actual Function	Count	Expected Function	Count	Result
	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	-
	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	•

Test Step 3.12 (Repeat Count = 1)			<b>✓</b>
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_Mtr	Vel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_Vel	nSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_Vh	SpdValid_Cnt_lgc_data	
k_CurrGainNumerator_Amps_f32	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	<b>✓</b>
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	<b>✓</b>
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	<b>✓</b>

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CurrDQPer1

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASECA\_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= -DMTRCURRPHASECA -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\\$(PROJECTROOT)\CmMtrCurr\include -I\\$(PROJECTROOT)\NxtrLib\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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Specification	
Name	Text



Module 'CmMtrCurr MTRCURRPHASECA ON 

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

Code File(s) Version:2
Module Design Document: CmMtrCurr\_MDD.docx
Module Design Document Version:2
Data Dictionary Version:2
Unit Test Plan Version:2
Optimization Level: Level 2
Compiler (CodeGen) Version:TMS470\_4.9.5
Model Type: Excel Macro
Model Version: Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32
Total FLASH Used (Bytes):3176
Total RAM Used (Bytes):130
Total CALS Used (Bytes):46
Special Test Requirements:NA
Test Date: 7/23/2016

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

Note2:- ""CBD\_Sandbox\_dbg.map"" map file is embedded for reference.

Note3:-In function ""CmMtrCurr\_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :MtrCurr2SumHi\_Volt\_M\_f32 , VecuSum\_Volt\_M\_f32 , MtrCurr1SumLo\_Volt\_M\_f32, MtrCurr2SumLo\_Volt\_M\_f32,
MtrCurr1SumZero\_Volt\_M\_f32,MtrCurr2SumZero\_Volt\_M\_f32, CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16 .

Note4:-In function CurrDQPer1(), variables 'MtrCurrK1\_Amps\_f32' and 'MtrCurrK2\_Amps\_f32' are going to very large values."

Attributes		
Name	Value	
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5	
Float Precision	9	
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj	
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src	
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd	
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_Ps.tpl	
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4	
Time Unit	cycles	
Timer Enabled	false	
Timer Prescale	0	
Timer Resolution		
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg	
Workspace File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP	



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

Specification

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

TC1.1 1002 Cycles TC1.2 952 Cycles

### Description

#### VECTOR DESCRIPTION:

TC1.1 Shortest Path ==> ElecPosDelayComp\_Rad\_T\_f32 < 0.0f )==>False && (Phs1Curr\_Cnt\_T\_u16 > D\_ZERO\_CNT\_U16)==>True && (Phs2Curr\_Cnt\_T\_u16 > D\_ZERO\_CNT\_U16)==>True && (MtrElecPol\_Cnt\_T\_s08 == D\_POSITIVEONE\_CNT\_S8) ==>True && MtrCurrFinalDax\_Amps\_T\_f32 = Limit\_m(MtrCurrDax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32) (MtrCurrFinalDax\_Amps\_T\_f32==220)==>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)==>True && MtrCurrFinalDax\_Amps\_T\_f32 = Limit\_m(MtrCurrDax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32) (MtrCurrFinalDax\_Amps\_T\_f32<=-220)==>True && (MtrCurrFinalDax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32) (MtrCurrFinalQax\_Amps\_T\_f32<=-220)==>True && (MtrCurrFinalQax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32) (MtrCurrFinalQax\_Amps\_T\_f32<=-220)==>True

Test Step 1.1 (Repeat Count = 1)	In the Walter		
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	348		
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	4.7000014e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.50000009e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11469		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	740		
k_MtrPosComputDelay_Sec_f32	5.90000018e-005		
k_NoofPoles_UIs_f32	3.25		
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	1	1-
Name	Actual Value	Expected Value	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0460000001	0.0460000001 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0929870605	0.0929870605 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.00825963169	0.00825963169 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	2.01121116	2.01121116 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	1.58608067	1.58608067 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	1.01121116	1.01121116 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	1.71428573	1.71428573 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	-120.011208	-120.011208 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	4.0112114	4.0112114 ± 32	•

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Name	Actual Value	Expected Value	Result
CDD_MtrCurrK1_Amps_G_f32[1]	449.22049	449.220398 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-120.011208	-120.011208 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	222.519791	222.51973 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-160.011215	-160.011215 ± 0.03	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[1]	62.1712341	62.1712151 ± 0.03	~

Test Step 1.2 (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		
	5		
CDD_MtrCurr1_Volts_G_f32[0]	5		
CDD_MtrCurr1_Volts_G_f32[1]			
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0260000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1] CDD_MtrCurr2_Volto_C_f32[0]	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	0.00019999995		
k_NoofPoles_Uls_f32	4.25		
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	Res
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.999984741	0.999984741 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.992279053	0.992279053 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.475149989	0.475149989 ± 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	
	220	220 ± 0.03 220 ± 32	
CDD_MtrCurrK1_Amps_G_f32[0]	7090.78613		
CDD_MtrCurrK1_Amps_G_f32[1]		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	

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Test Case 2: Range Test

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## CurrDQPer1 Specification

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

CPU Cycles:

951 Cycles 1000 Cycles 934 Cycles 961 Cycles 961 Cycles 951 Cycles 916 Cycles 916 Cycles 916 Cycles 917 Cycles TC2.1 TC2.2 TC2.3 TC2.4 TC2.5 TC2.6 TC2.7 TC2.8 TC2.9 916 Cycles 931 Cycles 916 Cycles 916 Cycles 916 Cycles 916 Cycles 916 Cycles 916 Cycles 959 Cycles 916 Cycles 916 Cycles TC2.10 TC2.11 TC2.12 TC2.13 TC2.14 TC2.14 TC2.15 TC2.16 TC2.17 TC2.18 TC2.19 TC2.20 916 Cycles 916 Cycles 906 Cycles 906 Cycles 922 Cycles 939 Cycles 931 Cycles 942 Cycles 942 Cycles 942 Cycles 954 Cycles 906 Cycles 906 Cycles 907 Cycles 908 Cycles 909 Cycles 909 Cycles 909 Cycles 909 Cycles 901 Cycles 902 Cycles 903 Cycles 903 Cycles 905 Cycles 907 Cycles 908 Cycles 909 Cycles 901 Cycles 902 Cycles 903 Cycles 903 Cycles 905 Cycles 907 Cycles 908 Cycles TC2.21 TC2.22 TC2.23 TC2.24 TC2.24 TC2.25 TC2.26 TC2.27 TC2.28 TC2.29 TC2.30 TC2.31 TC2.32 TC2.33 TC2.34 TC2.35 TC2.36 TC2.36 TC2.37 TC2.38 TC2.39 TC2.40 TC2.41 TC2.42 TC2.43 TC2.44 931 Cycles 925 Cycles 925 Cycles 922 Cycles 922 Cycles 922 Cycles 922 Cycles 920 Cycles 916 Cycles 920 Cycles 921 Cycles 921 Cycles 941 Cycles 941 Cycles 946 Cycles 947 Cycles 948 Cycles 949 Cycles 949 Cycles 940 Cycles 941 Cycles 941 Cycles 942 Cycles 944 Cycles 945 Cycles 946 Cycles 947 Cycles 948 Cycles 948 Cycles 949 Cycles 940 Cycles 941 Cycles 941 Cycles 942 Cycles 943 Cycles 944 Cycles 957 Cycles 958 Cycles 959 Cycles 959 Cycles 959 Cycles 950 Cycles 950 Cycles 951 Cycles 951 Cycles 952 Cycles 953 Cycles 953 Cycles 955 Cycles 956 Cycles 957 Cycles 957 Cycles 957 Cycles 958 Cycles 959 Cycles 959 Cycles 959 Cycles 950 Cycles 950 Cycles 951 Cycles 951 Cycles 951 Cycles 952 Cycles 952 Cycles 953 Cycles 954 Cycles 955 Cycles 956 Cycles 957 Cycles TC2.45 TC2.46 TC2.47 TC2.48 TC2.49 TC2.50 TC2.51 TC2.53 TC2.54 TC2.55 TC2.56 TC2.57 TC2.58 TC2.59 TC2.60 TC2.61 TC2.62 TC2.63 TC2.64 TC2.65 TC2.65 TC2.66 TC2.68 TC2.69 TC2.70 TC2.71 TC2.72 TC2.73 TC2.74





#### **Description** VECTOR DESCRIPTION:

TS2.1All Min TS2.2All Max TS2.2KI Midz 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 TS2.8Rte\_Pim\_ShCurrCal.EOLMtrCurr10ftsetLo\_Volts\_f32=Pos TS2.9Rte\_Pim\_ShCurrCal.EOLMtrCurr20ffsetLo\_Volts\_f32=Min TS2.10Rte\_Pim\_ShCurrCal.EOLMtrCurr20ffsetLo\_Volts\_f32=Max TS2.11Rte\_Pim\_ShCurrCal.EOLMtrCurr20ffsetLo\_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=Min TS2.16Rte\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32=Max TS2.17Rte\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32=Max TS2.17Rte\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32=Pos TS2.18CDD\_MEFMtrVel\_MtrRadpS\_G\_f32f2=Min IS2.17kte Pim\_ShCurrCal.EOLPhscurrZGain\_AmpspVolt
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]=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
TS2.28CDD\_Vecu\_Volt\_G\_f32[2]=Pos
TS2.29Adc2\_GetPhsBCurr\_Cnt\_u16\_m=Min
TS2.30Adc2\_GetPhsBCurr\_Cnt\_u16\_m=Pos
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 TS2.59MtrCurr1OffDelta\_VoltpVoltCnts\_M\_f32=Min
TS2.51MtrCurr1OffDelta\_VoltpVoltCnts\_M\_f32=Min
TS2.52MtrCurr1OffDelta\_VoltpVoltCnts\_M\_f32=Pos
TS2.52MtrCurr2OffDelta\_VoltpVoltCnts\_M\_f32=Min TS2.53MitrCurr2OffDelta\_VoltpVoltCnts\_M\_52=Max
TS2.55MtrCurr2OffDelta\_VoltpVoltCnts\_M\_52=Max
TS2.55MtrCurr2OffDelta\_VoltpVoltCnts\_M\_632=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
TS2.64CDD\_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\_UIs\_f32==>Min TS2.75k\_NoofPoles\_UIs\_f32==>Max/Default TS2.76k\_NoofPoles\_Uls\_f32==>Pos

Name	Input Value	
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	

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Name	Input Value			
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-1118	-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	2.4999994e-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	Resul	
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	0.00019999995		
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	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.670799971	0.670799971 ± 0.0000152587890625	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[0]	5	5 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	4.68864489	4.68864489 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	5	5 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	4.68864489	4.68864489 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	220	220 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	7090.78613	7090.78564 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	220	220 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	0	0 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>

Test Step 2.3 (Repeat Count = 1)	<b>✓</b>
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	5050
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	2.19278193		
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]	0.99420166	0.99420166 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0007644	0.0007644 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	0.00334604783	0.00334604806 ± 0.0000152587890625	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[0]	0.73382175	0.73382175 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475	1.00025475 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	0.534798563	0.534798563 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	2.00025487	2.00025487 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	25.0002556	25.0002556 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	369.314148	369.314148 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	198.000259	198.000259 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[0]	-80.808197	-80.8081894 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	25.0002556	25.0002556 ± 32	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[0]	67.3026657	67.3026581 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	63.0002556	63.0002556 ± 0.03	~

Name Adc2_GetPhsBCurr_Cnt_u16_m Adc2_GetPhsCCurr_Cnt_u16_m CDD_ADC2OffsetComp_Cnt_G_u8p8 CDD_AppDataFwdPthAccessBfr_Cnt_G_u16 CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrPosElec_Rev_G_f32[0] CDD_CorrMtrPosElec_Rev_G_f32[1] CDD_DCPhsBComp_Cnt_G_u16p0 CDD_DCPhsCComp_Cnt_G_u16p0 CDD_MRFMtrVel_MtrRadpS_G_f32[0] CDD_MRFMtrVel_MtrRadpS_G_f32[1]	Input Value  625  458  4096  1  1  0.00400000019  0.00101919996  5149  7150  120.09998
Adc2_GetPhsCCurr_Cnt_u16_m CDD_ADC2OffsetComp_Cnt_G_u8p8 CDD_AppDataFwdPthAccessBfr_Cnt_G_u16 CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrPosElec_Rev_G_f32[0] CDD_CorrMtrPosElec_Rev_G_f32[1] CDD_DCPhsBComp_Cnt_G_u16p0 CDD_DCPhsCComp_Cnt_G_u16p0 CDD_MRFMtrVel_MtrRadpS_G_f32[0]	458 4096 1 1 0.00400000019 0.00101919996 5149 7150
CDD_ADC2OffsetComp_Cnt_G_u8p8 CDD_AppDataFwdPthAccessBfr_Cnt_G_u16 CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrPosElec_Rev_G_f32[0] CDD_CorrMtrPosElec_Rev_G_f32[1] CDD_DCPhsBComp_Cnt_G_u16p0 CDD_DCPhsCComp_Cnt_G_u16p0 CDD_MRFMtrVel_MtrRadpS_G_f32[0]	4096 1 1 0.00400000019 0.00101919996 5149 7150
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16 CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrPosElec_Rev_G_f32[0] CDD_CorrMtrPosElec_Rev_G_f32[1] CDD_DCPhsBComp_Cnt_G_u16p0 CDD_DCPhsCComp_Cnt_G_u16p0 CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1 1 0.00400000019 0.00101919996 5149 7150
CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrPosElec_Rev_G_f32[0] CDD_CorrMtrPosElec_Rev_G_f32[1] CDD_DCPhsBComp_Cnt_G_u16p0 CDD_DCPhsCComp_Cnt_G_u16p0 CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1 0.00400000019 0.00101919996 5149 7150
CDD_CorrMtrPosElec_Rev_G_f32[0] CDD_CorrMtrPosElec_Rev_G_f32[1] CDD_DCPhsBComp_Cnt_G_u16p0 CDD_DCPhsCComp_Cnt_G_u16p0 CDD_MRFMtrVel_MtrRadpS_G_f32[0]	0.00400000019 0.00101919996 5149 7150
CDD_CorrMtrPosElec_Rev_G_f32[1] CDD_DCPhsBComp_Cnt_G_u16p0 CDD_DCPhsCComp_Cnt_G_u16p0 CDD_MRFMtrVel_MtrRadpS_G_f32[0]	0.00101919996 5149 7150
CDD_DCPhsBComp_Cnt_G_u16p0 CDD_DCPhsCComp_Cnt_G_u16p0 CDD_MRFMtrVel_MtrRadpS_G_f32[0]	5149 7150
CDD_DCPhsCComp_Cnt_G_u16p0 CDD_MRFMtrVel_MtrRadpS_G_f32[0]	7150
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	
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
c_MtrCurrOffLoComOff_Cnt_u16	600
c_MtrPosComputDelay_Sec_f32	0.000199999995
_NoofPoles_Uls_f32	5.84732056
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.79999995
gt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	60.0999985
gt_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]	0.0040000019	0.00400000019 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.175460815	0.175460815 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	0.0825056955	0.0825056955 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	2.0005095	2.0005095 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	0.743589759	0.743589759 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	2.0005095	2.0005095 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.539682567	0.539682567 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-200.000504	-200.000504 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	-180.000504	-180.000504 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	464.305023	464.305023 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-200.000504	-200.000504 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	55.360817	55.360817 ± 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]	0.0049999989		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00127400004		
CDD_DCPhsBComp_Cnt_G_u16p0	5248		
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	5.50892639		
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	Resi
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00280761719	0.00280761719 ± 0.0000152587890625	11001
CDD CorrMtrPosElec_Rev_G_i32[1]	0.00127400004	0.00127400004 ± 0.0000152587890625	
CDD_C0ffMtrosciec_Rev_G_i32[1] CDD_ElecPosDelayComp_Rad_G_f32	0.0322933272	0.0322933272 ± 0.0000152587890625	
	0.0322933272	0.0322933272 ± 0.0000132387890625 0.753357768 ± 32	
CDD_MtrCurr1_Volts_G_f32[0] CDD_MtrCurr1_Volts_G_f32[1]			
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	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	464.184082	464.184082 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	120.000763	120.000763 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[0]	-122.790199	-122.790207 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	125.000763	125.000763 ± 32	✓
CDD_MtrCurrQax_Amp_G_f32[0]	130.959244	130.959244 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	198.000763	198.000763 ± 0.03	<b>✓</b>

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]	0.0060000005		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0015288		
CDD_DCPhsBComp_Cnt_G_u16p0	5347		
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]	-0.020999997		
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]	-0.0060000005		
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	4.91381311		
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		
		Expected Value	Boo
Name	Actual Value	Expected Value	Res
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0060000005	0.00600000005 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.172439575	0.172439575 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0384174176	0.0384174176 ± 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]	220	220 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	-140.001022	-140.001022 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	378.350739	378.350739 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-160.001022	-160.001022 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	208.322739	208.322723 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	-180.001022	-180.001022 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	



Test Step 2.7 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	673		
Adc2_GetPhsCCurr_Cnt_u16_m	494		
CDD_ADC2OffsetComp_Cnt_G_u8p8	10240		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00700000022		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00178359996		
CDD_DCPhsBComp_Cnt_G_u16p0	5446		
CDD_DCPhsCComp_Cnt_G_u16p0	392		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.175003		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	145.175003		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0209999997		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0020000009		
CDD_MtrCurr1_Volts_G_f32[0]	2.00127411		
CDD_MtrCurr1_Volts_G_f32[1]	1.00127399		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0060000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0049999989		
CDD_MtrCurr2_Volts_G_f32[0]	1.00127399		
CDD_MtrCurr2_Volts_G_f32[1]	2.00127411		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.001266		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0012741		
CDD_MtrCurrK1_Amps_G_f32[0]	-200.001266		
CDD_MtrCurrK1_Amps_G_f32[1]	198.001266		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.001266		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0012741		
CDD_MtrCurrQax_Amp_G_f32[0]	-160.001266		
CDD_MtrCurrQax_Amp_G_f32[1]	120.001274		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	11.2700005		
CDD_Vecu_Volt_G_f32[1]	10.5299997		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.40000008e-005 5.9000018e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 MtrPos_CorrectedMtrPos_Rev_G_u0p16	5571		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k MtrCurrOffLoComOff Cnt u16	750		
k MtrPosComputDelay Sec f32	0.000119999997		
k_NoofPoles_Uls_f32	5.06380749		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	63.1749992		
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt_132	89.1750031		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.3599999		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD CorrMtrPosElec Rev G f32[0]	0.00758361816	0.00758361816 ± 0.0000152587890625	Result
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00178359996	0.00178359996 ± 0.0000152587890625	<b>*</b>
CDD ElecPosDelayComp Rad G f32	0.0371202417	0.0371202417 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	0.772893786	0.772893786 ± 32	-
CDD MtrCurr1 Volts G f32[1]	1.00127399	1.00127399 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	0.554334581	0.554334581 ± 32	
CDD MtrCurr2 Volts G f32[1]	2.00127411	2.00127411 ± 32	
CDD MtrCurrDax Amp G f32[0]	220	$2.00127411132$ $220 \pm 0.03$	•
CDD_MtrCurrDax_Amp_G_f32[1]	63.0012741	63.0012741 ± 0.03	-
CDD_MtrCurrK1_Amps_G_f32[0]	572.188538	572.188538 ± 32	<b>V</b>
CDD_MtrCurrK1_Amps_G_f32[1]	198.001266	198.001266 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-176.485336	-176.485367 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	63.0012741	63.0012741 ± 32	
CDD MtrCurrQax Amp G f32[0]	203.539093	203.539108 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	120.001274	120.001274 ± 0.03	~

Test Step 2.8 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
Adc2_GetPhsBCurr_Cnt_u16_m	689	
Adc2_GetPhsCCurr_Cnt_u16_m	506	
CDD_ADC2OffsetComp_Cnt_G_u8p8	12288	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.00800000038	





Name	Input Value		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00203839992		
CDD_DCPhsBComp_Cnt_G_u16p0	5545		
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]	-0.0020000009		
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]	-0.0040000019		
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	2.4999994e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.9999985e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5702		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	800		
k_MtrPosComputDelay_Sec_f32	0.00013		
k_NoofPoles_Uls_f32	4.39040709		
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]	0.176834106	0.176834106 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0408659093	0.0408659093 ± 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	<b>✓</b>
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]	220	220 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	-180.001526	-180.001526 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	578.565002	578.565063 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-120.001526	-120.001526 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	216.132492	216.132523 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-140.001526	-140.001526 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>

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	5644
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]	-0.0030000003		
CDD_MtrCurr2_Volts_G_f32[0]	0.00178359996		
CDD_MtrCurr2_Volts_G_f32[1]	1.00178361		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.001785		
CDD_MtrCurrDax_Amp_G_f32[1]	198.001785		
CDD_MtrCurrK1_Amps_G_f32[0]	-160.001785		
CDD_MtrCurrK1_Amps_G_f32[1]	120.001785		
CDD_MtrCurrK2_Amps_G_f32[0]	-200.001785		
CDD_MtrCurrK2_Amps_G_f32[1]	198.001785		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.001785		
CDD_MtrCurrQax_Amp_G_f32[1]	25.0017834		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	13.29		
CDD_Vecu_Volt_G_f32[1]	12.5500002		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.5999997e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.09999988e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	5833		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	850		
k_MtrPosComputDelay_Sec_f32	0.000140000004		
k_NoofPoles_Uls_f32	5.58435488		
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]	0.0132751465	0.0132751465 ± 0.0000152587890625	~
CDD CorrMtrPosElec Rev G f32[1]	0.0022932	0.0022932 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0477783456	0.0477783456 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	0.792429805	0.792429805 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	2.00178361	2.00178361 ± 32	
CDD MtrCurr2 Volts G f32[0]	0.56410259	0.56410259 ± 32	<b>~</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.00178361	1.00178361 ± 32	
CDD MtrCurrDax Amp G f32[0]	220	220 ± 0.03	<b>~</b>
CDD MtrCurrDax Amp G f32[1]	198.001785	198.001785 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	423.36084	423.36084 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	120.001785	120.001785 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-240.374695	-240.374695 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	198.001785	198.001785 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[1]	25.0017834	25.0017834 ± 0.03	~

Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	721
Adc2_GetPhsCCurr_Cnt_u16_m	530
CDD_ADC2OffsetComp_Cnt_G_u8p8	16384
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0099999978
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00254800008
CDD_DCPhsBComp_Cnt_G_u16p0	5743
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

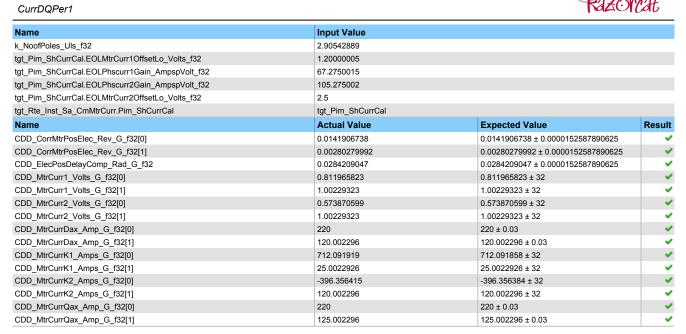




Name	Input Value		
CDD_MtrCurrQax_Amp_G_f32[1]	198.002045		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	14.3000002		
CDD_Vecu_Volt_G_f32[1]	13.5600004		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.7e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.19999992e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	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	5.37856102		
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]	0.0099999978	0.00999999978 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.18359375	0.18359375 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.0581893101	0.0581893101 ± 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	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.568986595	0.568986595 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	-180.002045	-180.002045 ± 0.03	-
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	-
CDD_MtrCurrK1_Amps_G_f32[0]	-140.002045	-140.002045 ± 32	-
CDD_MtrCurrK1_Amps_G_f32[1]	666.943298	666.943298 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-180.002045	-180.002045 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	374.949829	374.949829 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	-200.002045	-200.002045 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>

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	5842
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
<_MtrCurrOffLoComOff_Cnt_u16	950
<pre>&lt;_MtrPosComputDelay_Sec_f32</pre>	0.000159999996





Test Step 2.12 (Repeat Count = 1)			<b>✓</b>
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	5941		
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	2.9000007e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.3999998e-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	2.74746943		
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		Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0120000001	87890625	V
CDD CorrMtrPosElec Rev G f32[1]	0.017074585		
CDD ElecPosDelayComp Rad G f32	0.0339326225		J





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]	220	220 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	-200.002548	-200.002548 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	736.198181	736.198181 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-140.002548	-140.002548 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	-418.915619	-418.915619 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-160.002548	-160.002548 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	~

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	6040		
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]	0.0010000005		
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	2.9999992e-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	0.000180000003		
k_MtrPosComputDelay_Sec_f32	2.86435413		
k_NoofPoles_Uls_f32	1.3999998		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	113.324997 2.33999991		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	I=	1_
Name	Actual Value	Expected Value	Resi
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0186920166	0.0186920166 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00331240008	0.00331240008 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0315343887	0.0315343887 ± 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]	220	220 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1]	25.0028019	25.0028019 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	875.720703	875.720703 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	125.0028	125.0028 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-459.775482	-459.775482 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	25.0028019	25.0028019 ± 32	





Name	Actual Value	Expected Value	Result
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	✓
CDD MtrCurrQax Amp G f32[1]	63.0028038	63.0028038 ± 0.03	<b>✓</b>

Test Step 2.14 (Repeat Count = 1)			<b>V</b>
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	6139		
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_UIs_f32	4.80203009		
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	1	<u> </u>
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0140000004	0.0140000004 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0262908936	0.0262908936 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.0667638332	0.0667638332 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	1.0030576	1.0030576 ± 32	<b>V</b>
CDD_MtrCurr1_Volts_G_f32[1]	0.841269851	0.841269851 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0] CDD_MtrCurr2_Volts_G_f32[1]	1.0030576	1.0030576 ± 32	<b>V</b>
CDD_MtrCurr2_Volts_G_f32[1] CDD_MtrCurrPay_Amp_C_f32[0]	0.588522613	0.588522613 ± 32	✓ ✓
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDay_Amp_G_f32[1]	-200.003052	-200.003052 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	-160.003052	-160.003052 ± 32	<b>V</b>
CDD_MtrCurrK1_Amps_G_f32[1]	934.971436 -200.003052	934.971436 ± 32	· ·
CDD_MtrCurrK2_Amps_G_f32[0] CDD_MtrCurrK2_Amps_G_f32[1]	-200.003052 -491.079193	-200.003052 ± 32	<b>V</b>
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrQax_Amp_G_f32[0]	-491.079193 -120.003059	-491.079193 ± 32 -120.003059 ± 0.03	<b>V</b>
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	

Test Step 2.15 (Repeat Count = 1)	<b>✓</b>
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	6238		
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]			
CDD_Vecu_Volt_G_f32[1]	19.3500004		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	18.6100006		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.50000004e-005 6.7000009e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6619		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k MtrCurrOffLoComOff Cnt u16			
k_MtrPosComputDelay_Sec_f32	1150 0.000199999995		
k_NoofPoles_Uls_f32	2.09538484		
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
	0.0217590332	0.0217590332 ± 0.0000152587890625	Nesuit
CDD_CorrMtrPosElec_Rev_G_f32[0] CDD_CorrMtrPosElec_Rev_G_f32[1]	0.003822	0.003822 ± 0.0000132387890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0256579854	0.003622 ± 0.0000132367690623 0.0256579854 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_i32  CDD_MtrCurr1_Volts_G_f32[0]			-
CDD_MtrCurr1_voits_G_t32[t] CDD_MtrCurr1_voits_G_f32[1]	0.85103786 2.00178361	0.85103786 ± 32	
	0.593406618	2.00178361 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	1.00178361	0.593406618 ± 32	
CDD_MtrCurr2_Volts_G_f32[1]	168.238358	1.00178361 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]		168.238358 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1]	125.003311	125.003311 ± 0.03	· ·
CDD_MtrCurrK1_Amps_G_f32[0]	181.89473	181.894745 ± 32	<b>V</b>
CDD_MtrCurrK1_Amps_G_f32[1]	63.0033112	63.0033112 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-87.7471008	-87.7471085 ± 32	<b>V</b>
CDD_MtrCurrK2_Amps_G_f32[1]	125.003311	125.003311 ± 32	- 4
CDD_MtrCurrQax_Amp_G_f32[0]	111.718857	111.718864 ± 0.03	<b>V</b>
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	6337
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

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Name	Input Value		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0109999999		
CDD_MtrCurr1_Volts_G_f32[0]	2.00356722		
CDD_MtrCurr1_Volts_G_f32[1]	1.00356722		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0030000003		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0040000019		
CDD_MtrCurr2_Volts_G_f32[0]	1.00356722		
CDD_MtrCurr2_Volts_G_f32[1]	2.00356722		
CDD_MtrCurrDax_Amp_G_f32[0]	-160.003571		
CDD_MtrCurrDax_Amp_G_f32[1]	120.003571		
CDD_MtrCurrK1_Amps_G_f32[0]	-120.003571		
CDD_MtrCurrK1_Amps_G_f32[1]	25.0035667		
CDD_MtrCurrK2_Amps_G_f32[0]	-160.003571		
CDD_MtrCurrK2_Amps_G_f32[1]	120.003571		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.003571		
CDD_MtrCurrQax_Amp_G_f32[1]	125.003571		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	20.3600006		
CDD_Vecu_Volt_G_f32[1]	19.6200008		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	5.60000008e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.80000012e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	6750		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	1200		
k_MtrPosComputDelay_Sec_f32	2.49999994e-005		
k_NoofPoles_Uls_f32	2.00565982		
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]	0.0202636719	0.0202636719 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.00369730871	0.00369730848 ± 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]	220	220 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	-120.003571	-120.003571 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	1094.48486	1094.48486 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-160.003571	-160.003571 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	-609.732239	-609.732239 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-180.003571	-180.003571 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>

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	6436	
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	5.65569687	5.65569687	
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]	0.0231018066	0.0231018066 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00433159992	0.00433159992 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.00900669768	0.00900669675 ± 0.0000152587890625	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[0]	0.870573878	0.870573878 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	2.00382209	2.00382209 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	0.603174627	0.603174627 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	1.00382197	1.00382197 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	220	220 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	63.0038223	63.0038223 ± 0.03	<b>→</b>
CDD_MtrCurrK1_Amps_G_f32[0]	634.698547	634.698608 ± 32	-
CDD_MtrCurrK1_Amps_G_f32[1]	198.003815	198.003815 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-343.067444	-343.067444 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	63.0038223	63.0038223 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	120.003822	120.003822 ± 0.03	<b>✓</b>

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	6535
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

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Name	Input Value		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7012	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	2.52964711		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.8999998		
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]	0.0175933838	0.0175933838 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	-0.0381799638	-0.0381799638 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	4.00407696	4.00407696 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	0.880341887	0.880341887 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	4.00407696	4.00407696 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.608058631	0.608058631 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	-120.004074	-120.004074 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	60.5007477	60.5007553 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	-180.004074	-180.004074 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	61.7093887	61.7093964 ± 32	<b>✓</b>
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]	14.3033981	14.3034019 ± 0.03	-





Test Step 2.19 (Repeat Count = 1)			V
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	6634		
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]	-0.0080000038		
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 5.9000018e-005		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32 CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	2.0999998e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7143		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	1350		
k_MtrPosComputDelay_Sec_f32	2.80000004e-005		
k_NoofPoles_Uls_f32	3.97132468		
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]	0.0355529785	0.0355529785 ± 0.0000152587890625	~
CDD CorrMtrPosElec Rev G f32[1]	0.00484120008	0.00484120008 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	0.0621591732	0.0621591732 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	0.890109897	0.890109897 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.00433159	1.00433159 ± 32	
CDD MtrCurr2 Volts G f32[0]	0.612942636	0.612942636 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.00433159	1.00433159 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	113.541519	113.541512 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	198.004333	198.004333 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	126.530609	126.530594 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	120.004333	120.004333 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-44.441185	-44.441185 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	198.004333	198.004333 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	71.3676224	71.3676224 ± 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	6733

CurrDQPer1





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	5.9999985e-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	3.0308125		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.099999		
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
	0.0199999996	0.0199999996 ± 0.0000152587890625	Nesuit
CDD_CorrMtrPosElec_Rev_G_f32[0] CDD CorrMtrPosElec Rev G f32[1]	0.0276641846	0.01999999996 ± 0.0000132387890625	-
CDD ElecPosDelayComp Rad G f32	0	0.0270041840 ± 0.0000132387690023 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 -180.004593	0.617826641 ± 32 -180.004593 ± 0.03	-
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[1]			
CDD_MtrCurrK1_Ampa_C_f32[1]	132.202332	132.202332 ± 0.03	-
CDD_MtrCurrK1_Amps_G_f32[0]	-140.004593	-140.004593 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	142.905914	142.905914 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-180.004593	-180.004593 ± 32	J
CDD_MtrCurrK2_Amps_G_f32[1]	-49.4387894	-49.4387894 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	-200.004593	-200.004593 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	73.4087219	73.4087143 ± 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	6832
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	4.98328304		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.8999998		
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]	0.032409668	0.032409668 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00535080023	0.00535080023 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.0171902701	0.0171902701 ± 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]	96.3026352	96.3026581 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	120.004845	120.004845 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	110.071732	110.071754 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	25.0048409	25.0048409 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-56.8396301	-56.8396378 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	120.004845	120.004845 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	77.9251709	77.9251785 ± 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	6931
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

TEST DETAILS REPORT CurrDQPer1	2016-07-24, 14:11:28+0530	Razo	rcat
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	2.83288527		
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	<b>✓</b>
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.194244385	0.194244385 ± 0.0000152587890625	✓
CDD_ElecPosDelayComp_Rad_G_f32	-0.0256956145	-0.0256956145 ± 0.0000152587890625	✓
CDD_MtrCurr1_Volts_G_f32[0]	1.00509596	1.00509596 ± 32	<b>~</b>
CDD_MtrCurr1_Volts_G_f32[1]	0.919413924	0.919413924 ± 32	✓
CDD_MtrCurr2_Volts_G_f32[0]	1.00509596	1.00509596 ± 32	✓
	* *****		•
CDD_MtrCurrDax_Amp_G_f32[0]	-140.005096	-140.005096 ± 0.03	~
CDD_MtrCurrDax_Amp_G_f32[1]	131.886765	131.886749 ± 0.03	✓
CDD_MtrCurrK1_Amps_G_f32[0]	-200.005096	-200.005096 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	39.6998367	39.6998291 ± 32	~
&CR2GNECPRICKS-CHTTERHOLIGITARIO]	-140.005096	-140.005096 ± 32	✓
CDD MtrCurrK2 Amps G f32[1]	125.90921	125.90921 ± 32	<b>~</b>
CDD_MtrCurrQax_Amp_G_f32[1]	-5.92362595	-5.92362833 ± 0.03	~

EBB\_MtrEurrhte-Azons-G\_486[1]G\_f32[1]





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]	0.199752808	0.199752808 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00586039992	0.00586039992 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	-0.00361086335	-0.00361086335 ± 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]	-80.3581848	-80.3581467 ± 0.03	<b>~</b>
CDD_MtrCurrDax_Amp_G_f32[1]	25.0053501	25.0053501 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	1120.09961	1120.09961 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	125.005348	125.005348 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-450.403076	-450.403046 ± 32	<b>~</b>
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		
Add2_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	12		
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]	-0.0040000019		
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	6.3999998e-005		
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	2.5999997e-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	3.01749301		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.2999995		
tgt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	75,5999985		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	29.6000004		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.3489998		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
		Funcated Value	lp.
Name	Actual Value	Expected Value	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0240000002	0.0240000002 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0362091064	0.0362091064 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.00339558488	0.00339558488 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	2.0056057	2.0056057 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	0.938950002	0.938950002 ± 32	

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Name	Actual Value	Expected Value	Result
CDD_MtrCurr2_Volts_G_f32[0]	1.00560558	1.00560558 ± 32	<b>✓</b>
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]	120.88208	120.882072 ± 0.03	✓
CDD_MtrCurrK1_Amps_G_f32[0]	-160.0056	-160.0056 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	118.424332	118.424332 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[0]	-200.0056	-200.0056 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	24.4262962	24.426302 ± 32	✓
CDD_MtrCurrQax_Amp_G_f32[0]	-120.005608	-120.005608 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	2.91385651	2.91385269 ± 0.03	<b>✓</b>

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	24		
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]	-0.0030000003		
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]	-0.019999996		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0189999994		
CDD_MtrCurr2_Volts_G_f32[0]	0.00586039992		
CDD_MtrCurr2_Volts_G_f32[1]	1.00586045		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.005859		
CDD_MtrCurrDax_Amp_G_f32[1]	125.005859		
CDD_MtrCurrK1_Amps_G_f32[0]	-140.005859		
CDD_MtrCurrK1_Amps_G_f32[1]	63.0058594		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.005859		
CDD_MtrCurrK2_Amps_G_f32[1]	125.005859		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.005859		
CDD_MtrCurrQax_Amp_G_f32[1]	198.005859		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	5.48000002		
CDD_vecu_volt_G_f32[1]	31		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.50000002e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.7e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7930		
Rte_Inst_Sa_CmMtrCurr  <_MtrCurrOffLoComOff_Cnt_u16	tgt_Rte_Inst_Sa_CmMtrCurr 530		
	3.19999999e-005		
MtrPosComputDelay_Sec_f32 AleafDelay_Lile_f32			
(_NoofPoles_Uls_f32	2.03118467 2.4000001		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32			
gt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	76.625 31.625		
gt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	1		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.3499999		
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Res
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.037399292	0.037399292 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00637000008	0.00637000008 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	-0.00171025749	-0.00171025749 ± 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]	157.252792	157.252777 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1]	125.005859	125.005859 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	154.44902	154.44902 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	63.0058594	63.0058594 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	30.2727757	30.2727814 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	125.005859	125.005859 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	6.5195694	6.51956511 ± 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	36		
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] CDD_MtrCurr2_Volts_G_f32[1]	1.0061152 2.0061152		
CDD_MtrCurr2_Volts_G_f32[1]			
CDD_MtrCurrDax_Amp_G_f32[0]	-160.006119		
CDD_MtrCurrIDax_Amp_G_f32[1]	120.006119 -120.006119		
CDD_MtrCurrK1_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[1]	25.006115		
CDD_MtrCurrK1_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[0]	-160.006119		
CDD_MtrCurrK2_Amps_G_f32[1]	120.006119		
CDD MtrCurrQax Amp G f32[0]	-180.006119		
CDD_MtrCurrQax_Amp_G_f32[1]	125.006119		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	5		
CDD_Vecu_Volt_G_f32[1]	5		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.60000005e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.80000004e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8061		
Rte_Inst_Sa_CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	540		
k_MtrPosComputDelay_Sec_f32	3.30000003e-005		
k NoofPoles Uls f32	2.529531		
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]	0.0401611328	0.0401611328 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.00307394937	0.00307394937 ± 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]	172.857117	172.857101 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	-120.006119	-120.006119 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	169.466171	169.466171 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-160.006119	-160.006119 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	35.0773849	35.0773888 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	-180.006119	-180.006119 ± 0.03	•
ODD_Mill Out Qux_1 tillp_O_102[0]			

Test Step 2.27 (Repeat Count = 1)		<b>✓</b>
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	

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CurrDQPer1

Name	Input Value		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0270000007		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00687960023		
CDD_DCPhsBComp_Cnt_G_u16p0	48		
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]	-0.0010000005		
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	3.4000006e-005		
k_NoofPoles_Uls_f32	2.91131377		
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]	0.20791626	0.20791626 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00687960023	0.00687960023 ± 0.0000152587890625	<b>~</b>
CDD_ElecPosDelayComp_Rad_G_f32	-0.00260700868	-0.00260700868 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	0.96825403	0.96825403 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.00636995	1.00636995 ± 32	
CDD_MtrCurr2_Volts_G_f32[0]	0.652014673	0.652014673 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	2.00637007	2.00637007 ± 32	
CDD MtrCurrDax Amp G f32[0]	1.64903259	1.6490401 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	63.0063705	63.0063705 ± 0.03	_
CDD_MtrCurrK1_Amps_G_f32[0]	159.784698	159.784698 ± 32	•
CDD MtrCurrK1 Amps G f32[1]	198.006363	198.006363 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-41.554863	-41.5548553 ± 32	-
CDD MtrCurrK2 Amps G f32[1]	63.0063705	63.0063705 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	165.091599	165.091599 ± 0.03	-
CDD_MtrCurrQax_Amp_G_f32[1]	120.006371	120.006371 ± 0.03	
ODD_IMITOUTIQAX_ATTIP_G_IDE[1]	120.0003/1	120.00007 1 ± 0.00	

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	60
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	2.9999992e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8323		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	560		
k_MtrPosComputDelay_Sec_f32	3.50000009e-005		
k_NoofPoles_Uls_f32	2.95506334		
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]	0.2109375	0.2109375 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.0038630066	0.0038630066 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	2.0066247	2.0066247 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	0.978022039	0.978022039 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	1.00662482	1.00662482 ± 32	<b>✓</b>
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]	-0.354473114	-0.354472041 ± 0.03	-
CDD_MtrCurrK1_Amps_G_f32[0]	-180.006622	-180.006622 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	193.911987	193.911987 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-120.006622	-120.006622 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	-48.9378357	-48.9378357 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	-140.006622	-140.006622 ± 0.03	•
CDD MtrCurrQax Amp G f32[1]	199.991623	199.991608 ± 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	72	
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	

CurrDQPer1



CurrDQPer1

CDD\_MtrCurrQax\_Amp\_G\_f32[0]

CDD\_MtrCurrQax\_Amp\_G\_f32[1]

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-200.007141 ± 0.03

90.0167999 ± 0.03

Input Value k\_MtrPosComputDelay\_Sec\_f32 3.70000016e-005 k\_NoofPoles\_Uls\_f32 3.20835781 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 **Actual Value Expected Value** Result CDD\_CorrMtrPosElec\_Rev\_G\_f32[0] 0.029999993  $0.0299999993 \pm 0.0000152587890625$ CDD\_CorrMtrPosElec\_Rev\_G\_f32[1] 0.0483856201 0.0483856201 ± 0.0000152587890625 CDD\_ElecPosDelayComp\_Rad\_G\_f32 0.00449611293 0.00449611247 ± 0.0000152587890625 CDD\_MtrCurr1\_Volts\_G\_f32[0] 1.00713444 1.00713444 ± 32 CDD\_MtrCurr1\_Volts\_G\_f32[1] 4 72649574 4 72649574 + 32 CDD\_MtrCurr2\_Volts\_G\_f32[0] 1.00713444 1.00713444 ± 32 CDD\_MtrCurr2\_Volts\_G\_f32[1] 0.66666687 0.666666687 ± 32 ソソソソソソ CDD\_MtrCurrDax\_Amp\_G\_f32[0] -180.007141 -180.007141 ± 0.03 CDD\_MtrCurrDax\_Amp\_G\_f32[1] -114.938393 ± 0.03 -114.9384 CDD\_MtrCurrK1\_Amps\_G\_f32[0] -140.007141 -140.007141 ± 32 CDD\_MtrCurrK1\_Amps\_G\_f32[1] -82.7206421 -82.7206421 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[0] -180.007141 -180.007141 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[1] -120.296112 ± 32 -120.296112

-200.007141

90.0168152

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]	0.030999995		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00789880008		
CDD_DCPhsBComp_Cnt_G_u16p0	96		
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]	0.0030000003		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0040000019		
CDD_MtrCurr1_Volts_G_f32[0]	1.00968242		
CDD_MtrCurr1_Volts_G_f32[1]	2.00968242		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0140000004		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0130000003		
CDD_MtrCurr2_Volts_G_f32[0]	1.00968242		
CDD_MtrCurr2_Volts_G_f32[1]	2.00968242		
CDD_MtrCurrDax_Amp_G_f32[0]	-160.007385		
CDD_MtrCurrDax_Amp_G_f32[1]	120.007393		
CDD_MtrCurrK1_Amps_G_f32[0]	-120.007393		
CDD_MtrCurrK1_Amps_G_f32[1]	25.0073891		
CDD_MtrCurrK2_Amps_G_f32[0]	-160.007385		
CDD_MtrCurrK2_Amps_G_f32[1]	120.007393		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.007385		
CDD_MtrCurrQax_Amp_G_f32[1]	125.007393		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD_Vecu_Volt_G_f32[0]	8.51000023		
CDD_Vecu_Volt_G_f32[1]	7.23000002		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.1999999e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.60000008e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8716		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	590		
k_MtrPosComputDelay_Sec_f32	3.79999983e-005		
k_NoofPoles_Uls_f32	3.76304412		
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	Resu
CDD CorrMtrPosElec Rev G f32[0]	0.21572876	0.21572876 ± 0.0000152587890625	
555_55iii	0.2 101 201 0	0.2 101 201 0 2 0.0000 102001 000020	

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Name	Actual Value	Expected Value	Result
CDD_ElecPosDelayComp_Rad_G_f32	-0.00377329858	-0.00377329835 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	2.21611738	2.21611738 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	2.00968242	2.00968242 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	0.671550691	0.671550691 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	2.00968242	2.00968242 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	23.4750557	23.4750538 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	120.007393	120.007393 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	135.255951	135.255951 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	25.0073891	25.0073891 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[0]	-5.55364418	-5.55364418 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	120.007393	120.007393 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	133.318939	133.318924 ± 0.03	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[1]	125.007393	125.007393 ± 0.03	<b>✓</b>

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	108		
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]	0.0040000019		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0049999989		
CDD_MtrCurr1_Volts_G_f32[0]	2.00764394		
CDD_MtrCurr1_Volts_G_f32[1]	1.00764406		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0130000003		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0120000001		
CDD_MtrCurr2_Volts_G_f32[0]	1.00764406		
CDD_MtrCurr2_Volts_G_f32[1]	2.00764394		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.007645		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0076447		
CDD_MtrCurrK1_Amps_G_f32[0]	-200.007645		
CDD_MtrCurrK1_Amps_G_f32[1]	198.007645		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.007645		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0076447		
CDD_MtrCurrQax_Amp_G_f32[0]	-160.007645		
CDD_MtrCurrQax_Amp_G_f32[1]	120.007645		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	9.52000046		
CDD_Vecu_Volt_G_f32[1]	8.23999977		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.30000003e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	5.70000011e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8847		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	600		
k_MtrPosComputDelay_Sec_f32	3.89999987e-005		
k_NoofPoles_Uls_f32	3.63504362		
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	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0320000015	0.0320000015 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0525360107	0.0525360107 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.00544384122	0.00544384122 ± 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	٠,
CDD_MtrCurrDax_Amp_G_f32[0]	-140.007645	-140.007645 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	80.1414795	80.1414642 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	-200.007645	-200.007645 ± 32	
CDD MtrCurrK1 Amps G f32[1]	102.702942	102.702942 ± 32	٠,

-140.007645

CDD\_MtrCurrK2\_Amps\_G\_f32[0]

-140.007645 ± 32

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Name	Actual Value	Expected Value	Result
CDD_MtrCurrK2_Amps_G_f32[1]	-52.499527	-52.4995308 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-160.007645	-160.007645 ± 0.03	~
CDD MtrCurrQax Amp G f32[1]	82.9544449	82.9544449 ± 0.03	<b>✓</b>

Test Step 2.33 (Repeat Count = 1)			-4
	Input Value		
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	120		
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	3.4000006e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.60000005e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	8978		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	610		
k_MtrPosComputDelay_Sec_f32	3.999999e-005		
k_NoofPoles_Uls_f32	5.84636736		
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]	0.219345093	0.219345093 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00840840023	0.00840840023 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00617668685	-0.00617668685 ± 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]	-105.194878	-105.194878 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1]	198.007904	198.007904 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	-108.469223	-108.469223 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	125.007896	125.007896 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-86.0222397	-86.0222397 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	198.007904	198.007904 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	-89.9968719	-89.9968719 ± 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

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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]	0.019999996		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00509600015		
CDD_DCPhsBComp_Cnt_G_u16p0	132		
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]	0.0060000005		
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]	-0.0099999978		
CDD_MtrCurr2_Volts_G_f32[0]	1.00815356		
CDD_MtrCurr2_Volts_G_f32[1]	2.00815368		
CDD_MtrCurrDax_Amp_G_f32[0]	-180.004593		
CDD_MtrCurrDax_Amp_G_f32[1]	125.004585		
CDD_MtrCurrK1_Amps_G_f32[0]	-140.004593		
CDD_MtrCurrK1_Amps_G_f32[1]	63.0045853		
CDD_MtrCurrK2_Amps_G_f32[0]	-180.004593		
CDD_MtrCurrK2_Amps_G_f32[1]	125.004585		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.004593		
CDD_MtrCurrQax_Amp_G_f32[1]	198.004593		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	11.54		
CDD_Vecu_Volt_G_f32[1]	10.2600002		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.50000009e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.4999996e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	7274		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	620		
k_MtrPosComputDelay_Sec_f32	2.9000007e-005		
k_NoofPoles_Uls_f32	3.88130069		
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	/Count
CDD CorrMtrPosElec Rev G f32[1]	0.0276641846	0.0276641846 ± 0.0000152587890625	
	0.0270041040	0.0276641646 ± 0.0000132367690623 0 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32 CDD_MtrCurr1_Volts_G_f32[0]	1.00815356	1.00815356 ± 32	-
	1.07081807	1.07081807 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	1.00815356		
CDD_MtrCurr2_Volts_G_f32[0] CDD MtrCurr2_Volts_G_f32[1]	2.49450564	1.00815356 ± 32	
		2.49450564 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-180.004593	-180.004593 ± 0.03	<b>-</b>
CDD_MtrCurrDax_Amp_G_f32[1]	95.2324677	95.2324677 ± 0.03	· ·
CDD_MtrCurrK1_Amps_G_f32[0]	-140.004593	-140.004593 ± 32	<b>-</b>
CDD_MtrCurrK1_Amps_G_f32[1]	86.6975937	86.6975937 ± 32	· ·
CDD_MtrCurrK2_Amps_G_f32[0]	-180.004593	-180.004593 ± 32	_
CDD_MtrCurrK2_Amps_G_f32[1]	56.9039993	56.9039993 ± 32	<b>V</b>
CDD_MtrCurrQax_Amp_G_f32[0]	-200.004593	-200.004593 ± 0.03	_
CDD_MtrCurrQax_Amp_G_f32[1]	-41.0526047	-41.0526047 ± 0.03	

Test Step 2.35 (Repeat Count = 1)		V
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	216	
CDD_DCPhsCComp_Cnt_G_u16p0	2014	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.875	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	74.875	

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CurrDQPer1

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	4.583323	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.8999998	
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	92.875	
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	63.875	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.36599994	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
Name	Actual Value Expected Value	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.237640381	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00891800039	•
CDD_ElecPosDelayComp_Rad_G_f32	0.00823623128	•
CDD_MtrCurr1_Volts_G_f32[0]	1.45421255 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	2.00840831 2.00840831 ± 32	•
CDD_MtrCurr2_Volts_G_f32[0]	0.0451770462	•
CDD_MtrCurr2_Volts_G_f32[1]	1.00840843 1.00840843 ± 32	•
CDD_MtrCurrDax_Amp_G_f32[0]	48.8684616 48.8684464 ± 0.03	•

CurrDQPer1





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	2.0744338		
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]	0.0713043213	0.0713043213 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	-0.00228198105	-0.00228198082 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.00866318	1.00866318 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.46275949	1.46275949 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.00866318	1.00866318 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.0500610508	0.0500610508 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	-120.008667	-120.008667 ± 0.03	<b>✓</b>
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]	270.085968	270.085968 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-120.008667	-120.008667 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	-14.1349134	-14.1349134 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-160.008667	-160.008667 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	129.735809	129.735809 ± 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	240
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	2.26985836		
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	2.36800003	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.241012573	0.241012573 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00942759961	0.00942759961 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.00430847518	0.00430847518 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	1.48473752	1.48473752 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.00891805	1.00891805 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	0.0671550706	0.0671550706 ± 32	•
CDD_MtrCurr2_Volts_G_f32[1]	1.00891805	1.00891805 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	25.4814529	25.4814529 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	198.008911	198.008911 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	284.980865	284.980865 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	18.0089188	18.0089188 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	9.41224289	9.41224289 ± 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	<b>✓</b>

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	252
CDD_DCPhsCComp_Cnt_G_u16p0	2344
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.9500008
CDD MRFMtrVel MtrRadpS G f32[1]	82.9499969
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0099999978
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0109999999
CDD MtrCurr1 Volts G f32[0]	2.00917292
CDD_MtrCurr1_Volts_G_f32[1]	1.0091728
CDD MtrCurr2TempOffset Volt G f32[0]	0.0149999997
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0160000008
CDD_MtrCurr2_Volts_G_f32[0]	1.0091728
CDD_MtrCurr2_Volts_G_f32[1]	2.00917292
CDD_MtrCurrDax_Amp_G_f32[0]	-180.009171
CDD_MtrCurrDax_Amp_G_f32[1]	125.009171
CDD_MtrCurrK1_Amps_G_f32[0]	5.00917292
CDD_MtrCurrK1_Amps_G_f32[1]	22.0091724
CDD_MtrCurrK2_Amps_G_f32[0]	-180.009171
CDD_MtrCurrK2_Amps_G_f32[1]	125.009171
CDD_MtrCurrQax_Amp_G_f32[0]	-120.009171
CDD_MtrCurrQax_Amp_G_f32[1]	25.0091724
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	15.5799999
CDD_Vecu_Volt_G_f32[1]	14.3000002
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	3.89999987e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.89999992e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10420
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
<_MtrCurrOffLoComOff_Cnt_u16	660
<_MtrPosComputDelay_Sec_f32	5.09999991e-005
k_NoofPoles_Uls_f32	2.33021164
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

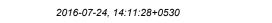




Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	tgt_Pim_ShCurrCal	
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.037999988	0.0379999988 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0752410889	0.0752410889 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	-0.00267094676	-0.00267094676 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	2.00917292	2.00917292 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.49206352	1.49206352 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.0091728	1.0091728 ± 32	<b>✓</b>
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]	320.423889	320.423889 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-180.009171	-180.009171 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	7.91337585	7.91334963 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-120.009171	-120.009171 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	138.856277	138.856308 ± 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]	0.039000008		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00993719976		
CDD_DCPhsBComp_Cnt_G_u16p0	264		
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]	-0.0049999989		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0040000019		
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 26.009428		
CDD_MtrCurrK1_Amps_G_f32[1]			
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	3.999999e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.9999995e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10551		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
C_MtrCurrOffLoComOff_Cnt_u16	670		
C_MtrPosComputDelay_Sec_f32		5.19999994e-005	
_NoofPoles_Uls_f32	4.20034122		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.29999995		
gt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	96.9749985		
gt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	71.9749985		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.36999989		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Res
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.245666504	0.245666504 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.00993719976	0.00993719976 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.00840635225	0.00840635225 ± 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]	-5.5055809	-5.50558186 ± 0.03	

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Name	Actual Value	Expected Value	Result
CDD_MtrCurrDax_Amp_G_f32[1]	120.00943	120.00943 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	340.782288	340.782288 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	26.009428	26.009428 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[0]	-14.7887621	-14.7887621 ± 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	<b>✓</b>

Test Step 2.40 (Repeat Count = 1)			V
Name	Input Value		
Adc2_GetPhsBCurr_Cnt_u16_m	1254		
Adc2_GetPhsCCurr_Cnt_u16_m	83		
CDD_ADC2OffsetComp_Cnt_G_u8p8	768		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.039999991		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0101920003		
CDD_DCPhsBComp_Cnt_G_u16p0	276		
CDD_DCPhsCComp_Cnt_G_u16p0	2564		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.3650017		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	83.3649979		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0120000001		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0130000003		
CDD_MtrCurr1_Volts_G_f32[0]	1.00968242		
CDD_MtrCurr1_Volts_G_f32[1]	2.00968242		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0260000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0260000005		
CDD_MtrCurr2_Volts_G_f32[0]	1.00968242		
CDD_MtrCurr2_Volts_G_f32[1]	2.00968242		
CDD_MtrCurrDax_Amp_G_f32[0]	-140.009689		
CDD_MtrCurrDax_Amp_G_f32[1]	63.0096817		
CDD_MtrCurrK1_Amps_G_f32[0]	5.00968218		
CDD_MtrCurrK1_Amps_G_f32[1]	30.0096817		
CDD_MtrCurrK2_Amps_G_f32[0]	-140.009689		
CDD_MtrCurrK2_Amps_G_f32[1]	63.0096817		
CDD_MtrCurrQax_Amp_G_f32[0]	-180.009689		
CDD_MtrCurrQax_Amp_G_f32[1]	125.009682		
CDD_MtrElecPol_Cnt_G_s8	1		
CDD_Vecu_Volt_G_f32[0]	17.6000004		
CDD_Vecu_Volt_G_f32[1]	16.3199997		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.0999993e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.0999998e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	10682		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	680		
k_MtrPosComputDelay_Sec_f32	5.2999998e-005		
k_NoofPoles_Uls_f32	4.28728819		
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]	0.039999991	0.0399999991 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0788574219	0.0788574219 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00504044723	-0.00504044676 ± 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]	371.589996	371.589966 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-140.009689	-140.009689 ± 32	<b>*</b>
CDD_MtrCurrK2_Amps_G_f32[1]	36.8062057	36.8061943 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	-180.009689	-180.009689 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	144.292572	144.292572 ± 0.03	<b>-</b>   <b>✓</b>





Test Step 2.41 (Repeat Count = 1)			<b>✓</b>
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	288		
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	4.26923752		
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	Form and ad Malana	D16
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0830841064	0.0830841064 ± 0.0000152587890625	- 4
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0104467999	0.0104467999 ± 0.0000152587890625	<b>*</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.00887862593	0.00887862686 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	1.53724062 1.00993717	1.53724062 ± 32 1.00993717 ± 32	<b>*</b>
CDD_MtrCurr1_Volts_G_f32[1] 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	-
	25.0099373	25.0099373 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1] CDD_MtrCurrK1_Amps_G_f32[0]	398.998718	398.998718 ± 32	-
CDD_MtrCurrK1_Amps_G_f32[1]	2.00993729	2.00993729 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	44.7828331	44.7828522 ± 32	-
CDD_MtrCurrK2_Amps_G_i32[1]	25.0099373	25.0099373 ± 32	
CDD MtrCurrQax Amp G f32[0]	160.139938	160.139908 ± 0.03	·
CDD_MtrCurrQax_Amp_G_f32[1]	120.009933	120.009933 ± 0.03	_

Test Step 2.42 (Repeat Count = 1)		<b>✓</b>
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	300	





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]	0.014000004		
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	5.19574022		
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]	0.0855865479	0.0855865479 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.0120093049	0.0120093049 ± 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]	430.037842	430.037811 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-200.010193	-200.010193 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	61.8373375	61.837326 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	-140.010193	-140.010193 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	167.160126	167.16011 ± 0.03	-

Test Step 2.43 (Repeat Count = 1)		<b>✓</b>
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	312	
CDD_DCPhsCComp_Cnt_G_u16p0	2894	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.0750008	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	78.0749969	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0149999997	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0160000008	
CDD_MtrCurr1_Volts_G_f32[0]	0.0104467999	
CDD_MtrCurr1_Volts_G_f32[1]	2.01044679	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0099999978	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0109999999	
CDD_MtrCurr2_Volts_G_f32[0]	0.0104467999	

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Input Value CDD\_MtrCurr2\_Volts\_G\_f32[1] 1.01044679 CDD\_MtrCurrDax\_Amp\_G\_f32[0] -180.010452 CDD\_MtrCurrDax\_Amp\_G\_f32[1] 125.010445 CDD\_MtrCurrK1\_Amps\_G\_f32[0] 4.01044703 CDD\_MtrCurrK1\_Amps\_G\_f32[1] 6.01044703 CDD\_MtrCurrK2\_Amps\_G\_f32[0] -180.010452 CDD\_MtrCurrK2\_Amps\_G\_f32[1] 125.010445 CDD\_MtrCurrQax\_Amp\_G\_f32[0] -120.010445 CDD\_MtrCurrQax\_Amp\_G\_f32[1] 25.0104465 CDD\_MtrElecPol\_Cnt\_G\_s8 CDD\_Vecu\_Volt\_G\_f32[0] 20.6299992 CDD\_Vecu\_Volt\_G\_f32[1] 19.3500004 CmMtrCurr\_MtrCurr1OffDelta\_VoltpVoltCnt\_M\_f32 4.40000003e-005  $CmMtrCurr\_MtrCurr2OffDelta\_VoltpVoltCnt\_M\_f32$ 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 4.18003798 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 2.70000005 100.074997  $tgt\_Pim\_ShCurrCal.EOLPhscurr1Gain\_AmpspVolt\_f32$ tgt\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32 79.0749969  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$ 2.37400007

tgt_Pim_ShCurrCal		
Actual Value	Expected Value	Result
0.0847015381	0.0847015381 ± 0.0000152587890625	~
0.0109564001	0.0109564001 ± 0.0000152587890625	<b>~</b>
-0.00609491346	-0.00609491346 ± 0.0000152587890625	-
1.55677664	1.55677664 ± 32	~
2.01044679	2.01044679 ± 32	-
0.113553114	0.113553114 ± 32	~
1.01044679	1.01044679 ± 32	~
220	220 ± 0.03	~
125.010445	125.010445 ± 0.03	~
478.257141	478.257202 ± 32	~
6.01044703	6.01044703 ± 32	~
86.8049469	86.804985 ± 32	~
125.010445	125.010445 ± 32	~
167.880905	167.88089 ± 0.03	~
25.0104465	25.0104465 ± 0.03	~
	Actual Value  0.0847015381  0.0109564001  -0.00609491346  1.55677664  2.01044679  0.113553114  1.01044679  220  125.010445  478.257141  6.01044703  86.8049469  125.010445  167.880905	Actual Value         Expected Value           0.0847015381         0.0847015381 ± 0.0000152587890625           0.0109564001         0.0109564001 ± 0.0000152587890625           -0.00609491346         -0.00609491346 ± 0.0000152587890625           1.55677664         1.55677664 ± 32           2.01044679         2.01044679 ± 32           0.113553114         0.113553114 ± 32           1.01044679         1.01044679 ± 32           220         220 ± 0.03           125.010445         125.010445 ± 0.03           478.257141         478.257202 ± 32           6.01044703         6.01044703 ± 32           86.8049469         86.804985 ± 32           125.010445         125.010445 ± 32           167.880905         167.88089 ± 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	324
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

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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	4.9442997		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.79999995		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	101.099998		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	81.0999985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.375		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.043999998	0.0439999998 ± 0.0000152587890625	<b>✓</b>
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0895843506	0.0895843506 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0119916573	0.0119916573 ± 0.0000152587890625	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.56654465	1.56654465 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.792429805	0.792429805 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	-160.010696	-160.010696 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	1.01070166	1.01070166 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	444.427246	444.427185 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696	-160.010696 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	133.67894	133.678909 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696	-200.010696 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	124.099709	124.099693 ± 0.03	<b>✓</b>

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	336	
CDD_DCPhsCComp_Cnt_G_u16p0	3114	
CDD MRFMtrVel MtrRadpS G f32[0]	-52.125	
DD MRFMtrVel MtrRadpS G f32[1]	79.125	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0170000009	
DD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0179999992	
CDD_MtrCurr1_Volts_G_f32[0]	2.01095629	
CDD MtrCurr1 Volts G f32[1]	1.01095641	
DD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0170000009	
DD MtrCurr2TempOffset Volt G f32[1]	0.0179999992	
DD MtrCurr2 Volts G f32[0]	1.01095641	
DD_MtrCurr2_Volts_G_f32[1]	2.01095629	
DD MtrCurrDax Amp G f32[0]	-140.010956	
DD_MtrCurrDax_Amp_G_f32[1]	63.0109558	
DD_MtrCurrK1_Amps_G_f32[0]	2.01095629	
DD_MtrCurrK1_Amps_G_f32[1]	5.01095629	
DD_MtrCurrK2_Amps_G_f32[0]	-140.010956	
DD_MtrCurrK2_Amps_G_f32[1]	63.0109558	
DD_MtrCurrQax_Amp_G_f32[0]	-180.010956	
DD_MtrCurrQax_Amp_G_f32[1]	125.010956	
DD_MtrElecPol_Cnt_G_s8	-1	
DD_Vecu_Volt_G_f32[0]	22.6499996	
DD_Vecu_Volt_G_f32[1]	21.3700008	
mMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.6000001e-005	
mMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.40000006e-005	
ltrPos_CorrectedMtrPos_Rev_G_u0p16	11338	
te_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
_MtrCurrOffLoComOff_Cnt_u16	730	
_MtrPosComputDelay_Sec_f32	5.80000014e-005	
_NoofPoles_Uls_f32	2.69827008	
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.9000001	

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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]	0.25567627	0.25567627 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002	0.0114660002 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	-0.00407877238	-0.00407877238 ± 0.0000152587890625	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[0]	1.57631266	1.57631266 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641	1.01095641 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.374847382	0.374847382 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	2.01095629	2.01095629 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	-162.129135	-162.12912 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558	63.0109558 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	533.122131	533.122192 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629	5.01095629 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-143.210388	-143.210373 ± 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	348		
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	5.9000018e-005		
k NoofPoles Uls f32	5.97409582		
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	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0460000001	0.0460000001 ± 0.0000152587890625	Resui
CDD CorrMtrPosElec Rev G f32[1]	0.0940856934	0.0940856934 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0151827168	0.0151827168 ± 0.0000152587890625	
	2.01121116	2.01121116 ± 32	
CDD_MtrCurr1_Volts_G_f32[0] CDD_MtrCurr1_Volts_G_f32[1]	1.58608067	1.58608067 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]  © Report created by TESSY V3.1.13, report template V2.1	1.3000007	1.50000001 ± 52	47

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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	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	-120.011208	-120.011208 ± 0.03	✓
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	4.0112114	4.0112114 ± 32	✓
CDD_MtrCurrK1_Amps_G_f32[1]	449.22049	449.220398 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[0]	-120.011208	-120.011208 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	222.519791	222.51973 ± 32	✓
CDD_MtrCurrQax_Amp_G_f32[0]	-160.011215	-160.011215 ± 0.03	✓
CDD_MtrCurrQax_Amp_G_f32[1]	65.6035156	65.6035233 ± 0.03	✓

Test Step 2.47 (Repeat Count = 1)	In and M. I		
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	396		
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]	27.700008		
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	6.2999995e-005		
k_NoofPoles_Uls_f32	5.88253927		
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	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.050000007	0.0500000007 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.919281006	0.919281006 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0163527243	0.0163527243 ± 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]	442.602631	442.6026 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-140.012238	-140.012238 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	159.979218	159.979202 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	-180.012238	-180.012238 ± 0.03	

-220

CDD\_MtrCurrQax\_Amp\_G\_f32[1]

-220 ± 0.03



Test Step 2.48 (Repeat Count = 1)			V
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]	0.05099999		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0129947998		
CDD DCPhsBComp Cnt G u16p0	408		
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]	0.024000002		
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]	0.024000002		
CDD_MtrCurr2_Volts_G_f32[0]	0.0124851996		
CDD_MtrCurr2_Volts_G_f32[1]	1.01248515		
CDD_MtrCurrDax_Amp_G_f32[0]	-120.012482		
CDD_MtrCurrDax_Amp_G_f32[1]	25.0124855		
CDD_MtrCurrK1_Amps_G_f32[0]	8.0124855		
CDD_MtrCurrK1_Amps_G_f32[1]	28.0124855		
CDD_MtrCurrK2_Amps_G_f32[0]	-120.012482		
CDD_MtrCurrK2_Amps_G_f32[1]	25.0124855		
CDD MtrCurrQax Amp G f32[0]	-160.012482		
CDD_MtrCurrQax_Amp_G_f32[1]	120.012482		
CDD_MtrElecPol_Cnt_G_s8	-1		
CDD Vecu Volt G f32[0]	28.7099991		
CDD_Vecu_Volt_G_f32[1]	8.77999973		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	5.50000004e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.999999e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	65535		
Rte_Inst_Sa_CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	790		
k MtrPosComputDelay Sec f32	6.3999998e-005		
k NoofPoles Uls f32	4.82537508		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.3999998		
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
		· · · · · · · · · · · · · · · · · · ·	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.08203125	0.08203125 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0129947998	0.0129947998 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	-0.00807188731	-0.00807188731 ± 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_MtrCurrDay_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]	660.265259	660.265198 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	28.0124855	28.0124855 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-181.404541	-181.404541 ± 32	_
CDD_MtrCurrK2_Amps_G_f32[1]	25.0124855	25.0124855 ± 32	<b>•</b>
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	<b>*</b>
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

CurrDQPer1





Name	Input Value		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0520000011		
CDD CorrMtrPosElec Rev G f32[1]	0.0132496003		
CDD_DCPhsBComp_Cnt_G_u16p0	420		
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]	0.024000002		
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	4.0999993e-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_UIs_f32	2.97826695		
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	Result
	0.0520000011	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0] CDD_CorrMtrPosElec_Rev_G_f32[1]	0.418045044	0.0520000011 ± 0.0000152587890625 0.418045044 ± 0.0000152587890625	•
CDD ElecPosDelayComp Rad G f32	0.0086436756	0.0086436756 ± 0.0000152587890625	
CDD_Elect-osbelaycomp_Rau_G_is2 CDD_MtrCurr1_Volts_G_f32[0]	1.01605237	1.01605237 ± 32	
	1.64468873	1.64468873 ± 32	
CDD_MtrCurr1_Volts_G_f32[1] CDD MtrCurr2 Volts G f32[0]	1.01605237	1.01605237 ± 32	
CDD_MtrCurr2_Volts_G_f32[1]	0.871794879	0.871794879 ± 32	
CDD_MtrCurrDax_Amp_G_f32[0]	-200.012741	-200.012741 ± 0.03	-
CDD_MtrCurrDax_Amp_G_f32[1]	-220	$-220 \pm 0.03$	
CDD_MtrCurrK1_Amps_G_f32[0]	6.01274014	6.01274014 ± 32	-
CDD_MtrCurrK1_Amps_G_f32[1]	444.952209	444.952209 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-200.012741	-200.012741 ± 32	
CDD_MtrCurrK2_Amps_G_i32[0] CDD_MtrCurrK2_Amps_G_f32[1]	101.433876	-200.012741 ± 32 101.433861 ± 32	
CDD_MitCutrX2_Athps_G_132[1] CDD_MtrCutrQax_Amp_G_f32[0]	-140.012741	-140.012741 ± 0.03	-
CDD_MtrCurrQax_Amp_G_i32[1]	220	220 ± 0.03	
ODD_MILOUITQAX_AITH_G_IDZ[1]	440	220 ± 0.00	

Test Step 2.50 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1397
Adc2_GetPhsCCurr_Cnt_u16_m	357
CDD_ADC2OffsetComp_Cnt_G_u8p8	10752
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0529999994
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0135043999
CDD_DCPhsBComp_Cnt_G_u16p0	432
CDD_DCPhsCComp_Cnt_G_u16p0	3994
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.3250008
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	83.3249969
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0250000004
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0240000002
CDD_MtrCurr1_Volts_G_f32[0]	2.01299477
CDD_MtrCurr1_Volts_G_f32[1]	1.01299477





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	4.56514597		
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]	0.267333984	0.267333984 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0135043999	0.0135043999 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0125528956	0.0125528956 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	1.65445673	1.65445673 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.01299477	1.01299477 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	0.384615391	0.384615391 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.01299477	1.01299477 ± 32	-
CDD MtrCurrDax Amp G f32[0]	89.2664185	89.2664032 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	125.012993	125.012993 ± 0.03	-
CDD_MtrCurrK1_Amps_G_f32[0]	170.518982	170.518982 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	27.0129948	27.0129948 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	108.443932	108.443924 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	125.012993	125.012993 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	181.296219	181.296219 ± 0.03	•
CDD MtrCurrQax Amp G f32[1]	25.0129948	25.0129948 ± 0.03	-

Test Step 2.51 (Repeat Count = 1)	v v
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	444
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

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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	3.02980113		
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]	0.125961304	0.125961304 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	-0.00450145127	-0.00450145127 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	2.01324964	2.01324964 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.66422474	1.66422474 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.01324964	1.01324964 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.374847382	0.374847382 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	-160.013245	-160.013245 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	8.0132494	8.0132494 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	2095.10815	2095.10815 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-160.013245	-160.013245 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	1035.82935	1035.82935 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-200.013245	-200.013245 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>

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]	0.054999997
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0140140001
CDD_DCPhsBComp_Cnt_G_u16p0	456
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	7.999998e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	4.40000003e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	15598
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	830

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Name	Input Value		
k_MtrPosComputDelay_Sec_f32	6.80000012e-005		
k_NoofPoles_Uls_f32	4.45109987		
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]	0.323364258	0.323364258 ± 0.0000152587890625	<b>✓</b>
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0140140001	0.0140140001 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.0127690928	0.0127690928 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.67399275	1.67399275 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	2.01350451	2.01350451 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.455433458	0.455433458 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.01350439	1.01350439 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	-220	-220 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	63.013504	63.013504 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	539.156311	539.15625 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	26.013504	26.013504 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[0]	-108.644218	-108.64418 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	63.013504	63.013504 ± 32	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[0]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[1]	125.013504	125.013504 ± 0.03	

CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0560000017 0.0560000017 ± 0.0000152587890625	1430   1430	Test Step 2.53 (Repeat Count = 1)			
124	124	Name	Input Value		
CDD_ADC20T6seComp_Cnt_G_L_0.B98	D_ADQ20FactOmp_Cnr_Q_usp8e				
CDD_AppDataPwPNAccessBrC.CRL G_u16  CDD_ComMmPostBec_Rev_G_13(2)]  CDD_ComMmPostBec_Rev_G_13(2)]  CDD_ComMmPostBec_Rev_G_13(2)]  CDD_ComMmPostBec_Rev_G_13(2)]  CDD_ComMmPostBec_Rev_G_13(2)]  CDD_MPSMMTvG_MRadps_G_0_12(1)60  488  CDD_CDPSCComp_Cnt_G_u16p0  440  CDD_MPSMMTvG_MRadps_G_0_12(1)  SDD_MRSMMTvG_MRadps_G_0_12(1)  SDD_MRSMMTvG_MRadps_G_0_12(1)  SDD_MRSMMTvG_MRadps_G_0_12(1)  SDD_MRSMMTvG_MRadps_G_0_12(1)  SDD_MRSMMTvG_MRadps_G_0_12(1)  SDD_MRSMMTvG_MRadps_G_0_12(1)  SDD_MRSMMTvG_MRadps_G_0_12(1)  SDD_MRCCMTTempOffset_Voll_G_0_12(1)  SDD_MRCCMTTempOffset_Voll_G_0_12(1)  SDD_MRCCMT_Voll_G_0_12(1)  SDD_M	D_AppBateFavPPhAcessBif_Cnt_G_u16  D_COMMPhacesBir_Rnv_G_182[0]  D_COMMPhacesBir_Rnv_G_182[0]  D_COMMPhacesBir_Rnv_G_182[0]  D_COMMPhacesBir_Rnv_G_182[0]  D_COMMPhacesBir_Rnv_G_182[0]  D_COMMPhacesBir_Rnv_G_182[0]  D_COMMPhacesBir_Rnv_G_182[0]  D_COMMPhacesBir_Rnv_G_182[0]  D_COMMPhacesBir_Rnv_G_182[0]  D_MFCMTATERD_CTG_u1_u16p0  D_MFCMTATROPHACES_G_182[1]  D_MFC	Adc2_GetPhsCCurr_Cnt_u16_m	124		
COD_CODDataAccessBif_Cht_G_u16	D_CDDDIAFACRESBF_CR_G_G_15[0]	CDD_ADC2OffsetComp_Cnt_G_u8p8	13056		
CDD_CorMitPosElec_Rev_G_132[1] 0.05690000017  CDD_CorMitPosElec_Rev_G_132[1] 0.014268797  CDD_CorMitPosElec_Rev_G_132[1] 0.014268797  CDD_CorMitPosElec_Rev_G_132[1] 0.014268797  CDD_MITCOUTTPOSE_COTT_G_116p0 488  CDD_CDFINECTOM_COTT_G_116p0 448  CDD_CDFINECTOM_COTT_G_116p0 4444000015  CDD_MITCOUTTTFOM_COTT_G_132[0] 1.0020999999  CDD_MITCOUTTTTEMPORTSEL_VOIT_G_132[0] 1.00209999999999999999999999999999999999	D_ComMtProSelice_Rev_G_132[0]	CDD_AppDataFwdPthAccessBfr_Cnt_G_u16			
CDD_ CorthifreeEliec_Rev_G_152[1]	D_ ContMirPosElec_Rev_G_[32[1]	CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_DCPhsComp_Cnt_G_u16p0	D_DCPhsBComp_Cnt_G_u16p0	CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0560000017		
ADD DEPRECEMP_CRI_G_u16p0	D_DCPRESCOMP_Cnt_G_u16p0	CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0142687997		
According	D_MREMITVeL_MIRRadps_G_G_732[1] 91.4000015 D_MREMITVeL_MIRRadps_G_G_732[1] 91.4000015 D_MREMITVeL_MIRRadps_G_G_732[1] 91.4000015 D_MRCurr1 EmpOffset_Voit_G_732[1] -0.0219999999 D_MRCurr1_Voit_G_G_732[0] 1.01375926 D_MRCurr1_Voit_G_G_732[0] 0.0219999999 D_MRCurr1_Voit_G_G_732[0] 0.0219999999 D_MRCurr1_Voit_G_G_732[0] 0.0219999999 D_MRCurr1_Voit_G_G_732[0] 0.0219999999 D_MRCurr2_Voit_G_732[1] 0.01375926 D_MRCurr2_Voit_G_732[0] 0.01375926 D_MRCurr2_Voit_G_732[0] 0.01375914 D_MRCurr2_Voit_G_732[0] 0.01375914 D_MRCurr2_Voit_G_732[0] 0.01375914 D_MRCurr4_Nm_G_732[0] 0.0137596 D_MRCurr6_Nm_G_732[0] 0.0137596 D_MRCur76_Nm_G_732[0] 0.01375	CDD_DCPhsBComp_Cnt_G_u16p0	468		
STATE   STAT	D_MFRUTYENDERS_C_122[1]	CDD_DCPhsCComp_Cnt_G_u16p0	4104		
CDD_MtrCurrtTempOffset_Voit_G_f32[0]	D_MICCURT TempOffset_Volt_G_[32[0]	CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-44.4000015		
CDD_MtrCurrl TempOffset_Voil_G_f32[1]	D_MtrCurr1TempOffset_Voit_G_[32[1]	CDD_MRFMtrVel_MtrRadpS_G_f32[1]	91.4000015		
CDD_MfrCurr1_Volts_G_[32[0]	D_MtrCurr1_Volts_G_132[0]	CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219999999		
CDD_MrCurr1_Volts_G_[32[1]   2.01375914	D_MtrCurr1_volts_G_[32[1]	CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0209999997		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	D_MtrCurr2TempOffset_Volt_G_[32[0]	CDD_MtrCurr1_Volts_G_f32[0]	1.01375926		
CDD_MtrCurr2TempOffset_Volt_G_[32[1]	D_MirCurr2TempOffset_Volt_G_f32[1]	CDD_MtrCurr1_Volts_G_f32[1]	2.01375914		
CDD_MtrCurr2_Volts_G_[32[0]	D_MRCurr2_Volts_G_f32[0]	CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999		
2.01375914	D_MtrCurr/2_Volts_G_{132[1]} 2.01375914   D_MtrCurrDax_AmpG_{132[0]} 1.20.013756   D_MtrCurrDax_AmpG_{132[1]} 25.0137596   D_MtrCurrNax_AmpG_{132[0]} 7.01375914   D_MtrCurrK1_Amps_G_{132[0]} 7.01375914   D_MtrCurrK1_Amps_G_{132[1]} 28.0137596   D_MtrCurrK1_Amps_G_{132[1]} 28.0137596   D_MtrCurrK2_Amps_G_{132[1]} 28.0137596   D_MtrCurrK2_Amps_G_{132[1]} 25.0137596   D_MtrCurrK2_Amps_G_{132[1]} 25.0137596   D_MtrCurrK2_Amps_G_{132[1]} 25.0137596   D_MtrCurrCax_Amp_G_{132[0]} 1.60.013763   D_MtrCurrCax_Amp_G_{132[0]} 1.60.013763   D_MtrCurrCax_Amp_G_{132[0]} 1.60.013756   D_MtrElecPol_Cnt_G_88	CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0209999997		
120.013756   120.013756   120.013756   120.013756   120.013756   120.013756   120.013756   120.013756   120.013756   120.0137596   120.0137596   120.0137596   120.0137596   120.0137596   120.0137596   120.013756	D_MtrCurrDax_Amp_G_f32[0]	CDD_MtrCurr2_Volts_G_f32[0]	1.01375926		
25.0137596	D_MtrCurrDax_Amp_G_[32[1]	CDD_MtrCurr2_Volts_G_f32[1]	2.01375914		
CDD_MtrCurrK1_Amps_G_f32[0]   7.01375914	D_MtrCurrK1_Amps_G_f32[0] 7.01375914  D_MtrCurrK2_Amps_G_f32[1] 28.0137596  D_MtrCurrK2_Amps_G_f32[1] 25.013756  D_MtrCurrK2_Amps_G_f32[1] 25.013756  D_MtrCurrCax_Amp_G_f32[0] -160.013763  D_MtrCurrQax_Amp_G_f32[0] -160.013763  D_MtrCurrQax_Amp_G_f32[1] 120.013756  D_MtrCurrQax_Amp_G_f32[1] 120.013756  D_MtrCurrQax_Amp_G_f32[1] 120.013756  D_MtrCurrQax_Amp_G_f32[1] 13.829999  MtrCurr_MtrCurr_Off_Delta_VoltpVoltCnt_M_f32 6.19999992e-005  MtrCurr_MtrCurr_OffDelta_VoltpVoltCnt_M_f32 0.9999992e-005  MtrCurr_MtrCurr_Off_Delta_VoltpVoltCnt_M_f32 0.9999992e-005  MtrCurr_MtrCurr_Off_Delta_VoltpVoltCnt_M_f32 0.9999992e-005  MtrCurr_MtrCurr_Off_Delta_VoltpVoltCnt_M_f32 0.9999992e-005  MtrCurr_MtrCurr_Off_Delta_VoltpVoltCnt_M_f32 0.9999992e-005  MtrCurr_Off_Delta_VoltpVoltCnt_M_f32 0.99999992e-005  MtrCurr_Off_Delta_VoltpVoltCnt_M_f32 0.99999992e-005  MtrCurr_Off_Delta_VoltpVoltCnt_M_f32 0.999999999999999999999999999999999999	CDD_MtrCurrDax_Amp_G_f32[0]	-120.013756		
28.0137596	D_MtrCurrK1_Amps_G_f32[1] 28.0137596  D_MtrCurrK2_Amps_G_f32[0] -120.013756  D_MtrCurrCax_Amp_G_f32[1] 25.0137596  D_MtrCurrCax_Amp_G_f32[1] 25.0137596  D_MtrCurrCax_Amp_G_f32[1] 120.013756  D_MtrCurrCax_Amp_G_f32[1] 120.013756  D_MtrCurrCax_Amp_G_f32[1] 120.013756  D_MtrCurrCax_Amp_G_f32[1] 120.013756  D_MtrCurrCax_Amp_G_f32[1] 120.013756  D_MtrCurrCax_Amp_G_f32[1] 13.8299999  MtrCurr_MtrCurr10ffDelta_VoltpVoltCnt_M_f32 6.1999992e-005  MtrCurr_MtrCurr10ffDelta_VoltpVoltCnt_M_f32 0.1948  MtrCurr_MtrCurrDffDelta_VoltpVoltCnt_M_f32 0.1948  Pos_CorrectedMtrPos_Rev_G_u0p16 17433  Linst_Sa_CmMtrCurr  dtrCurrOffLoComOff_Cnt_u16 840  dtrPosComputDelay_Sec_f32 6.90000015e-005  doofPoles_Uis_f32 3.54022646  Pim_ShCurrCal_EOLMtrCurrOffsett_O_Volts_f32 113.400002  Pim_ShCurrCal_EOLPhscurr1Gain_AmpspVolt_f32 105.400002  Pim_ShCurrCal_EOLPhscurr2Gain_AmpspVolt_f32 105.400002  Pim_ShCurrCal_EOLMtrCurrDffSett_O_Volts_f32 2.38700008  Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  me	CDD_MtrCurrDax_Amp_G_f32[1]	25.0137596		
CDD_MtrCurrK2_Amps_G_f32[0]	D_MtrCurrK2_Amps_G_f32[0]	CDD_MtrCurrK1_Amps_G_f32[0]	7.01375914		
25.0137596	D_MtrCurrK2_Amps_G_32[1]	CDD_MtrCurrK1_Amps_G_f32[1]	28.0137596		
25.0137596	D_MtrCurrK2_Amps_G_32[1]	CDD MtrCurrK2 Amps G f32[0]	-120.013756		
CDD_MtrCurrQax_Amp_G_f32[0]	D_MtrCurrQax_Amp_G_f32[0] -160.013763  D_MtrCurrQax_Amp_G_f32[1] 120.013756  D_MtrElecPol_Cnt_G_s8 1  D_Vecu_Volt_G_f32[0] 6.7600023  D_Vecu_Volt_G_f32[1] 13.8299999  MtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32 6.1999992e-005  MtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 0  MtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 0  Pos_CorrectedMtrPos_Rev_G_u0p16 17433  Linst_Sa_CmMtrCurr tgt_Rel_Inst_Sa_CmMtrCurr  MtrCurrOffLoComOff_Cnt_u16 840  MtrCurrOffLoComOff_Cnt_u16 840  MtrDosComputDelay_Sec_f32 6.9000015e-005  Joseph Sulf Sa_CmS_Sec_f32 18999998  Joseph ScurrCal_EOLMtrCurr1OffsetLo_Volts_f32 18999998  Jim_shCurrCal_EOLMtrCurr1OffsetLo_Volts_f32 113.400002  Pim_shCurrCal_EOLMtrCurr2OffsetLo_Volts_f32 105.400002  Pim_shCurrCal_EOLMtrCurr2OffsetLo_Volts_f32 2.38700008  Rte_Inst_Sa_CmMtrCurr.Pim_shCurrCal tgt_Pim_shCurrCal  me Actual Value Expected Value Res  D_CorrMtrPosElec_Rev_G_f32[1] 0.181808472 0.181808472 0.181808472 ± 0.0000152587890625	CDD MtrCurrK2 Amps G f32[1]	25.0137596		
CDD_MtrElecPol_Cnt_G_s8	D_MtrElecPol_Cnt_G_s8		-160.013763		
CDD_MtrElecPol_Cnt_G_s8	D_MtrElecPol_Cnt_G_s8	CDD MtrCurrQax Amp G f32[1]	120.013756		
6.76000023   13.8299999   13.82999999   13.82999999   13.82999999   13.82999999   13.82999999   13.82999999   13.82999999   13.82999999   13.82999999   13.82999999   13.82999999   13.829999999   13.82999999999999999999999999999999999999	D_Vecu_Volt_G_f32[0] 6.76000023  D_Vecu_Volt_G_f32[1] 13.8299999  MtrCurr_MtrCurr10ffDelta_VoltpVoltCnt_M_f32 6.19999992e-005  MtrCurr_MtrCurr20ffDelta_VoltpVoltCnt_M_f32 0  Pos_CorrectedMtrPos_Rev_G_u0p16 17433  tgt_Rte_Inst_Sa_CmMtrCurr  MtrCurrOffLoComOff_Cnt_u16 840  MtrPosComputDelay_Sec_f32 6.90000015e-005  NofPoles_UIs_f32 1.8999998  Pim_ShCurrCal_EOLMtrCurr10ffsetLo_Volts_f32 1.89999998  Pim_ShCurrCal_EOLMtrCurr1Gain_AmpspVolt_f32 113.400002  Pim_ShCurrCal_EOLMtrCurr20ffsetLo_Volts_f32 1.8900008  Rte_Inst_Sa_CmMtrCurrCal_EOLMtrCurr10ffsetLo_Volts_f32 1.8900008  Rte_Inst_Sa_CmMtrCurrCal_EOLMtrCurr10ffsetLo_Volts_f32 1.89000008  Rte_Inst_Sa_CmMtrCurrCal_EOLMtrCurr20ffsetLo_Volts_f32 2.38700008  Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal		1		
13.8299999	D_Vecu_Volt_G_f32[1]		6.76000023		
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	MtrCurr_MtrCurr_OffDelta_VoltpVoltCnt_M_f32 6.1999992e-005  MtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32 0  Pos_CorrectedMtrPos_Rev_G_u0p16 17433  t_lnst_Sa_CmMtrCurr tgt_Ret_inst_Sa_CmMtrCurr  MtrCurrOffLoComOff_Cnt_u16 840  MtrPosComputDelay_Sec_f32 6.9000015e-005  NoofPoles_Uls_f32 3.54022646  Pim_ShCurrCal_EOLMtrCurr1OffsetLo_Volts_f32 18.9999998  Pim_ShCurrCal_EOLPhscurr1Gain_AmpspVolt_f32 113.400002  Pim_ShCurrCal_EOLPhscurr2Gain_AmpspVolt_f32 105.400002  Pim_ShCurrCal_EOLMtrCurr2OffsetLo_Volts_f32 2.38700008  Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal   Me Actual Value Expected Value Res  D_CorrMtrPosElec_Rev_G_f32[1] 0.181808472 0.181808472 0.181808472 ± 0.0000152587890625		13.8299999		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32       0         MtrPos_CorrectedMtrPos_Rev_G_u0p16       17433         Rte_Inst_Sa_CmMtrCurr       tgt_Rte_Inst_Sa_CmMtrCurr         <_MtrCurrOffLoComOff_Cnt_u16	MtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32   0		6.19999992e-005		
Mitros_CorrectedMtrPos_Rev_G_u0p16	Pos_CorrectedMtrPos_Rev_G_u0p16		0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr  tgt_Pim_ShCurrCal  tgt_		17433		
X_MtrCurrOffLoComOff_Cnt_u16       840         X_MtrPosComputDelay_Sec_f32       6.90000015e-005         X_NoofPoles_Uls_f32       3.54022646         Igt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32       1.89999998         Igt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32       113.400002         Igt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32       105.400002         Igt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32       2.38700008         Igt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal       Igt_Pim_ShCurrCal         Name       Actual Value       Expected Value       Re         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0560000017       0.0560000017 ± 0.0000152587890625	### AutocurrOffLoComOff_Cnt_u16		tot Rte Inst Sa CmMtrCurr		
k_MtrPosComputDelay_Sec_f32       6.90000015e-005         k_NoofPoles_Uls_f32       3.54022646         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       Re         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0560000017       0.0560000017 ± 0.0000152587890625	### Actual Value   Expected Value   Res  D_Corr/MtrPosElec_Rev_G_f32[0]   0.181808472   0.181808472   0.26460				
SchoolPoles_Uls_f32   3.54022646	Scorp   Scor		6.90000015e-005		
Supply   S	Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	- , ,- ,			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32				
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     Re       CDD_CorrMtrPosElec_Rev_G_f32[0]     0.0560000017     0.0560000017 ± 0.0000152587890625	Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32				
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32       2.38700008         gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal       tgt_Pim_ShCurrCal         Name       Actual Value       Expected Value       Rec         CDD_CorrMtrPosElec_Rev_G_f32[0]       0.0560000017       0.0560000017 ± 0.0000152587890625	Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32   2.38700008     Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal   tgt_Pim_ShCurrCal     me				
ggt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal         tgt_Pim_ShCurrCal           Name         Actual Value         Expected Value         Re-           CDD_CorrMtrPosElec_Rev_G_f32[0]         0.0560000017         0.0560000017 ± 0.0000152587890625	Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal         tgt_Pim_ShCurrCal           me         Actual Value         Expected Value         Res           D_CorrMtrPosElec_Rev_G_f32[0]         0.0560000017         0.0560000017 ± 0.0000152587890625         0.181808472         0.181808472 ± 0.0000152587890625         0.181808472 ± 0.0000152587890625				
Name         Actual Value         Expected Value         Re           CDD_CorrMtrPosElec_Rev_G_f32[0]         0.0560000017         0.0560000017 ± 0.0000152587890625	me         Actual Value         Expected Value         Res           D_CorrMtrPosElec_Rev_G_f32[0]         0.0560000017         0.0560000017 ± 0.0000152587890625           D_CorrMtrPosElec_Rev_G_f32[1]         0.181808472         0.181808472 ± 0.0000152587890625				
CDD_CorrMtrPosElec_Rev_G_f32[0] 0.0560000017 0.0560000017 ± 0.0000152587890625	D_CorrMtrPosElec_Rev_G_f32[0]       0.0560000017       0.0560000017 ± 0.0000152587890625         D_CorrMtrPosElec_Rev_G_f32[1]       0.181808472       0.181808472 ± 0.0000152587890625			Expected Value	Page
	D_CorrMtrPosElec_Rev_G_f32[1] 0.181808472 0.181808472 ± 0.0000152587890625			·	Nesu





Name	Actual Value	Expected Value	Result
CDD_ElecPosDelayComp_Rad_G_f32	-0.00542291952	-0.00542291906 ± 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]	140.328949	140.328934 ± 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	480		
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]	-0.020999997		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.019999996		
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	6.2999995e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0.000171428997		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	19268		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
<pre>&lt;_MtrCurrOffLoComOff_Cnt_u16</pre>	850		
C_MtrPosComputDelay_Sec_f32	7.00000019e-005		
C_NoofPoles_Uls_f32	4.83023167		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2		
gt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	114.425003		
gt_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	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.379638672	0.379638672 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0145236002	0.0145236002 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0144417901	0.0144417901 ± 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]	527.391113	527.391113 ± 32	
CDD_MtrCurrK1_Amps_G_132[0] CDD_MtrCurrK1_Amps_G_132[1]	30.0140133	327.391113 ± 32 30.0140133 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-148.908569	-148.908585 ± 32	

CurrDQPer1



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	492		
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	6.3999998e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	8.4999997e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	21103		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	860		
k_MtrPosComputDelay_Sec_f32	7.10000022e-005		
k_NoofPoles_Uls_f32	5.87661076		
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]	0.237197876	0.237197876 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	-0.00927314535	-0.00927314535 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	2.01426888	2.01426888 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.70329678	1.70329678 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	1.01426876	1.01426876 ± 32	<b>✓</b>
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]	72.4606857	72.4606934 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	3.01426888	3.01426888 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	479.815521	479.815552 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-180.014267	-180.014267 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	34.0168381	34.0168457 ± 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)	<b>✓</b>
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1837





Name	Input Value			
Adc2_GetPhsCCurr_Cnt_u16_m	480	480		
CDD_ADC2OffsetComp_Cnt_G_u8p8	15360	15360		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0		
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.059000004	•		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0150332004			
CDD_DCPhsBComp_Cnt_G_u16p0	28			
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	5.55605888			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.2000005			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	68.4749985			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_I32	49.4749985			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42400002			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
		Function Value	Danulé	
Name	Actual Value	Expected Value	Result	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.105407715	0.105407715 ± 0.0000152587890625	~	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0150332004	0.0150332004 ± 0.0000152587890625	~	
CDD_ElecPosDelayComp_Rad_G_f32	0.000434344896	0.000434344896 ± 0.0000152587890625	<b>Y</b>	
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]	145.807816	145.8078 ± 0.03	<b>~</b>	
CDD_MtrCurrDax_Amp_G_f32[1]	120.014526	120.014526 ± 0.03	~	
CDD_MtrCurrK1_Amps_G_f32[0]	224.400467	224.400452 ± 32	~	
CDD_MtrCurrK1_Amps_G_f32[1]	18.0145245	18.0145245 ± 32	~	
CDD_MtrCurrK2_Amps_G_f32[0]	-50.6569214	-50.6569023 ± 32	~	
CDD_MtrCurrK2_Amps_G_f32[1]	120.014526	120.014526 ± 32	~	
CDD_MtrCurrQax_Amp_G_f32[0]	177.937561	177.937546 ± 0.03	~	
CDD_MtrCurrQax_Amp_G_f32[1]	25.0145245	25.0145245 ± 0.03	~	

Test Step 2.57 (Repeat Count = 1)		<b>✓</b>
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	29	
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	-0.0219999999		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219999999	-0.0219999999		
CDD_MtrCurr1_Volts_G_f32[0]	2.01477838	2.01477838		
CDD_MtrCurr1_Volts_G_f32[1]	1.01477838	1.01477838		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219999999	-0.0219999999		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219999999	-0.0219999999		
CDD_MtrCurr2_Volts_G_f32[0]	1.01477838	1.01477838		
CDD_MtrCurr2_Volts_G_f32[1]	2.01477838			
CDD_MtrCurrDax_Amp_G_f32[0]	-140.014786			
CDD_MtrCurrDax_Amp_G_f32[1]	63.0147781			
CDD_MtrCurrK1_Amps_G_f32[0]	3.01477838			
CDD_MtrCurrK1_Amps_G_f32[1]	10.0147781			
CDD_MtrCurrK2_Amps_G_f32[0]	-140.014786			
CDD_MtrCurrK2_Amps_G_f32[1]	63.0147781			
CDD_MtrCurrQax_Amp_G_f32[0]	-140.014786			
CDD_MtrCurrQax_Amp_G_f32[1]	63.0147781			
CDD_MtrElecPol_Cnt_G_s8	1			
CDD_Vecu_Volt_G_f32[0]	10.8000002			
CDD_Vecu_Volt_G_f32[1]	17.8700008			
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	6.60000005e-005			
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	6.2999995e-005			
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1573			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_MtrCurrOffLoComOff_Cnt_u16	880			
k_MtrPosComputDelay_Sec_f32		0.000107		
k_NoofPoles_Uls_f32		2.88857698		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.2999995			
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	70.5			
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	50.5			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42499995			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.059999987	0.0599999987 ± 0.0000152587890625	~	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.941131592	0.941131592 ± 0.0000152587890625	•	
CDD_ElecPosDelayComp_Rad_G_f32	0.00285896915	0.00285896915 ± 0.0000152587890625	•	
CDD_MtrCurr1_Volts_G_f32[0]	2.01477838	2.01477838 ± 32	<b>*</b>	
CDD_MtrCurr1_Volts_G_f32[1]	2.17948723	2.17948723 ± 32	· ·	
CDD_MtrCurr2_Volts_G_f32[0]		1.01477838		
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]	358.367035	358.367004 ± 32	•	
CDD_MtrCurrK2_Amps_G_f32[0]	-140.014786	-140.014786 ± 32		
CDD_MtrCurrK2_Amps_G_f32[1]	152.90538 -140.014786	152.90538 ± 32 -140.014786 ± 0.03	Ž	
CDD_MtrCurrQax_Amp_G_f32[0]	-140.014786	$-140.014786 \pm 0.03$ $-220 \pm 0.03$		
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 I U.U3		

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	30
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

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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 11.8100004 CDD\_Vecu\_Volt\_G\_f32[0] 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 3.43552494 k NoofPoles Uls f32  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 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 **Expected Value** Name **Actual Value** Result CDD\_CorrMtrPosElec\_Rev\_G\_f32[0] 0.109375  $0.109375 \pm 0.0000152587890625$ CDD\_CorrMtrPosElec\_Rev\_G\_f32[1] 0.0155427996  $0.0155427996 \pm 0.0000152587890625$ CDD\_ElecPosDelayComp\_Rad\_G\_f32 0.000282915455 0.000282915484 ± 0.0000152587890625 2.18925524 ± 32 CDD\_MtrCurr1\_Volts\_G\_f32[0] 2.18925524 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] 99.2125168 99.2125168 ± 0.03 CDD\_MtrCurrDax\_Amp\_G\_f32[1] 63.0150337  $63.0150337 \pm 0.03$ CDD\_MtrCurrK1\_Amps\_G\_f32[0] 127.445641 127.445648 ± 32 CDD\_MtrCurrK1\_Amps\_G\_f32[1] 19 0150337 19 0150337 + 32 CDD\_MtrCurrK2\_Amps\_G\_f32[0] 1.09663999 1.0966444 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[1] 63.0150337 63.0150337 ± 32 CDD\_MtrCurrQax\_Amp\_G\_f32[0] 80.0029449 80.0029526 ± 0.03

25.0150337

25.0150337 ± 0.03

Test Step 2.59 (Repeat Count = 1)	<b>✓</b>
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	0
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

CDD\_MtrCurrQax\_Amp\_G\_f32[1]

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Input Value 6.50000002e-005 CmMtrCurr\_MtrCurr2OffDelta\_VoltpVoltCnt\_M\_f32 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 4.99964333 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] 0.933349609  $0.933349609 \pm 0.0000152587890625$ CDD ElecPosDelayComp\_Rad\_G\_f32 0.00426132092 0.00426132092 + 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  $-120.015289 \pm 0.03$ CDD\_MtrCurrDax\_Amp\_G\_f32[1] 79.8866577 ± 0.03 79.8866577 CDD\_MtrCurrK1\_Amps\_G\_f32[0]  $7.01528788 \pm 32$ 7.01528788 CDD\_MtrCurrK1\_Amps\_G\_f32[1] 107.266838 107.266838 ± 32 CDD\_MtrCurrK2\_Amps\_G\_f32[0] -120.015289 ± 32 -120.015289 CDD\_MtrCurrK2\_Amps\_G\_f32[1] 44.5376472 44.5376472 ± 32 CDD\_MtrCurrQax\_Amp\_G\_f32[0] -180.015289 -180.015289 ± 0.03 CDD\_MtrCurrQax\_Amp\_G\_f32[1] -84.3083572 -84.3083572 ± 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	7150	
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	1.7000003e-005	
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	6.6000005e-005	
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1180	
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
MtrCurrOffLoComOff Cnt u16	910	
MtrPosComputDelay Sec f32	0.000103999999	
<_NoofPoles_Uls_f32	3.27763319	
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2	
gt Pim ShCurrCal.EOLPhscurr1Gain AmpspVolt f32	64.5749969	
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt_132	47.5750008	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.42199993	





Name	Input Value			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_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	0.000268438162	0.000268438162 ± 0.0000152587890625	-	
CDD_MtrCurr1_Volts_G_f32[0]	2.1282053	2.1282053 ± 32	<b>✓</b>	
CDD_MtrCurr1_Volts_G_f32[1]	4.01554298	4.01554298 ± 32	<b>✓</b>	
CDD_MtrCurr2_Volts_G_f32[0]	0.479853511	0.479853511 ± 32	-	
CDD_MtrCurr2_Volts_G_f32[1]	4.01554298	4.01554298 ± 32	<b>✓</b>	
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]	413.145447	413.145447 ± 32	~	
CDD_MtrCurrK1_Amps_G_f32[1]	30.015543	30.015543 ± 32	~	
CDD_MtrCurrK2_Amps_G_f32[0]	180.01329	180.01329 ± 32	<b>✓</b>	
CDD_MtrCurrK2_Amps_G_f32[1]	198.015549	198.015549 ± 32	<b>✓</b>	
CDD_MtrCurrQax_Amp_G_f32[0]	101.017197	101.01722 ± 0.03	<b>✓</b>	
CDD_MtrCurrQax_Amp_G_f32[1]	120.015541	120.015541 ± 0.03	~	

Name	Input Value			
Adc2_GetPhsBCurr_Cnt_u16_m	1826			
	473			
Adc2_GetPhsCCurr_Cnt_u16_m				
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	3658			
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	63.0157967		
CDD_MtrElecPol_Cnt_G_s8	1			
CDD_Vecu_Volt_G_f32[0]	14.8400002			
CDD_Vecu_Volt_G_f32[1]	29.7199993			
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	1.80000006e-005			
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.4999996e-005			
MtrPos_CorrectedMtrPos_Rev_G_u0p16	1311			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
<pre></pre> MtrCurrOffLoComOff_Cnt_u16	920			
 <_MtrPosComputDelay_Sec_f32	0.000104999999			
 <_NoofPoles_Uls_f32	5.97644901			
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.0999999			
gt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	66.599985			
gt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	48.5999985			
gt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.4230001			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value Expected Value		Resu	
	•	F0700000F		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.064000003			
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.937561035			
CDD_ElecPosDelayComp_Rad_G_f32	0.00552223856	o∠o6/890625		
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] CDD_MtrCurrDax_Amp_G_f32[0]	0.485958517			

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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]	293.076355	293.076294 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-180.015793	-180.015793 ± 32	✓
CDD_MtrCurrK2_Amps_G_f32[1]	-6.70352745	-6.70354509 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-140.015793	-140.015793 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	-105.857277	-105.857239 ± 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	468		
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]	-0.020999997		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0040000019		
CDD_MtrCurr1_Volts_G_f32[0]	1.01605237		
CDD_MtrCurr1_Volts_G_f32[1]	2.01605248		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.020999997		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0040000019		
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	1.8999992e-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	6.9000015e-005		
k_NoofPoles_Uls_f32	4.07233763		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.8999998		
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	Resu
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0649999976	0.0649999976 ± 0.0000152587890625	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.348342896	0.348342896 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	-0.00626961887	-0.0062696184 ± 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]	-46.6295776	-46.6295815 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	7.01605225	7.01605225 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	242.893951	242.893936 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-120.016052	-120.016052 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	115.430061	115.430046 ± 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	480		
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	1.9999995e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.7000003e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	19268		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	940		
k_MtrPosComputDelay_Sec_f32	7.0000019e-005		
k_NoofPoles_Uls_f32	5.46981049		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2		
tgt_Pim_ShCurrCal.EOLPhscurr3Gain_AmpspVolt_f32	114.650002 107.650002		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	2.38800001		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt Pim ShCurrCal		
Name	Actual Value	Expected Value	Result
			Result
CDD_CorrMtrPosElec_Rev_G_f32[0] CDD_CorrMtrPosElec_Rev_G_f32[1]	0.213287354 0.0168168005	0.213287354 ± 0.0000152587890625	-
CDD_ElecPosDelayComp_Rad_G_f32	0.016397126	0.0168168005 ± 0.0000152587890625 0.016397126 ± 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]	6.25442982	6.25444078 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1]	198.016312	198.016312 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[0]	78.9257431	78.9257202 ± 32	-
CDD_MtrCurrK1_Amps_G_f32[1]	30.0163078	30.0163078 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-12.1113195	-12.1113043 ± 32	<b>V</b>
CDD_MtrCurrK2_Amps_G_f32[1]	198.016312	198.016312 ± 32	·
CDD MtrCurrQax Amp G f32[0]	79.6042709	79.6042404 ± 0.03	_
CDD_MtrCurrQax_Amp_G_f32[1]	63.0163078	63.0163078 ± 0.03	~
	-		

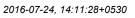
Test Step 2.64 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1452
Adc2_GetPhsCCurr_Cnt_u16_m	218
CDD_ADC2OffsetComp_Cnt_G_u8p8	21504
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0670000017
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0170715991
CDD_DCPhsBComp_Cnt_G_u16p0	492

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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]	-0.0020000009		
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	2.0999998e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.80000006e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	21103		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	950		
k_MtrPosComputDelay_Sec_f32	7.10000022e-005		
k_NoofPoles_Uls_f32	3.46970272		
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]	0.404464722	0.404464722 ± 0.0000152587890625	<b>✓</b>
CDD ElecPosDelayComp Rad G f32	-0.00550281862	-0.00550281862 ± 0.0000152587890625	~
CDD MtrCurr1 Volts G f32[0]	2.01656199	2.01656199 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.67032969	1.67032969 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	1.01656199	1.01656199 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.163614169	0.163614169 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	-180.016556	-180.016556 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	-163.296158	-163.296219 ± 0.03	-
CDD_MtrCurrK1_Amps_G_f32[0]	3.01656199	3.01656199 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	269.772705	269.772736 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-180.016556	-180.016556 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	105.01033	105.010315 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-120.016563	-120.016563 ± 0.03	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[1]	220	220 ± 0.03	-

Test Step 2.65 (Repeat Count = 1)		<b>✓</b>
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	28	
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	4.30546761		
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]	0.938735962	0.938735962 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0173263997	0.0173263997 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	0.000387922628	0.000387922628 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	2.13675213	2.13675213 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	4.01681662	4.01681662 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.479853511	0.479853511 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	4.01681662	4.01681662 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	72.8097	72.8097 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	120.016815	120.016815 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	54.3545456	54.354538 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	18.0168171	18.0168171 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	-59.7411232	-59.7411308 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	120.016815	120.016815 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	34.9594879	34.9594994 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	25.0168171	25.0168171 ± 0.03	~

Test Step 2.66 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	609
Adc2_GetPhsCCurr_Cnt_u16_m	446
CDD_ADC2OffsetComp_Cnt_G_u8p8	23040
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	29
CDD_DCPhsCComp_Cnt_G_u16p0	7150
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	122.074997
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	143.074997
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0250000004
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0240000002
CDD_MtrCurr1_Volts_G_f32[0]	2.00025487
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475
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





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	2.71202183		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.70000005		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	59.0750008		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	73.0749969		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.24000001		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.99432373	0.99432373 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0007644	0.0007644 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.00413837563	0.00413837563 ± 0.0000152587890625	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[0]	0.633699656	0.633699656 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475	1.00025475 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	0.434676439	0.434676439 ± 32	<b>✓</b>
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]	224.43924	224.43924 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	198.000259	198.000259 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	9.66505814	9.6650629 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	25.0002556	25.0002556 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	-17.661808	-17.6618137 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	63.0002556	63.0002556 ± 0.03	<b>✓</b>

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	
DD_CorrMtrPosElec_Rev_G_f32[0]	0.0700000003	
DD_CorrMtrPosElec_Rev_G_f32[1]	0.0680000037	
DD_DCPhsBComp_Cnt_G_u16p0	30	
DD_DCPhsCComp_Cnt_G_u16p0	4654	
DD_MRFMtrVel_MtrRadpS_G_f32[0]	1.75	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	16.75	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0199999996	
DD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219999999	
DD_MtrCurr1_Volts_G_f32[0]	1.01732635	
DD_MtrCurr1_Volts_G_f32[1]	2.01732635	
DD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00200000009	
DD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219999999	
DD_MtrCurr2_Volts_G_f32[0]	2.01732635	
DD_MtrCurr2_Volts_G_f32[1]	1.01732635	
DD_MtrCurrDax_Amp_G_f32[0]	-140.017334	
DD_MtrCurrDax_Amp_G_f32[1]	63.0173264	
DD_MtrCurrK1_Amps_G_f32[0]	4.01732635	
DD_MtrCurrK1_Amps_G_f32[1]	19.0173264	
DD_MtrCurrK2_Amps_G_f32[0]	-140.017334	
DD_MtrCurrK2_Amps_G_f32[1]	63.0173264	
DD_MtrCurrQax_Amp_G_f32[0]	-120.017326	
DD_MtrCurrQax_Amp_G_f32[1]	25.0173264	
DD_MtrElecPol_Cnt_G_s8	-1	
DD_Vecu_Volt_G_f32[0]	9.78999996	
DD_Vecu_Volt_G_f32[1]	16.8600006	
mMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.40000008e-005	
mMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.0999998e-005	
trPos_CorrectedMtrPos_Rev_G_u0p16	1704	
te_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
MtrCurrOffLoComOff_Cnt_u16	980	
_MtrPosComputDelay_Sec_f32	0.000108	
NoofPoles_Uls_f32	3.74299479	
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.4000001	

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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]	0.109390259	0.109390259 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0680000037	0.0680000037 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.000353713025	0.000353712996 ± 0.0000152587890625	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[0]	2.15628815	2.15628815 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	2.01732635	2.01732635 ± 32	~
CDD_MtrCurr2_Volts_G_f32[0]	0.490842521	0.490842521 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.01732635	1.01732635 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	134.613098	134.613144 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	63.0173264	63.0173264 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	169.009552	169.009583 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	19.0173264	19.0173264 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	6.26862955	6.2686429 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	63.0173264	63.0173264 ± 32	~
CDD_MtrCurrQax_Amp_G_f32[0]	102.385719	102.385727 ± 0.03	~
CDD_MtrCurrQax_Amp_G_f32[1]	25.0173264	25.0173264 ± 0.03	~

Name	Input Value		
Adc2 GetPhsBCurr Cnt u16 m	1452		
Add2 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	6535		
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]	-0.0099999978		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00999999976		
CDD_MtrCurr1_Volts_G_f32[0]	2.01426888		
CDD_MtrCurr1_Volts_G_f32[1]	4.01426888		
	0.0049999989		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00499999989		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]			
CDD_MtrCurr2_Volts_G_f32[0]	1.01426876		
CDD_MtrCurr2_Volts_G_f32[1]	4.01426888		
CDD_MtrCurrDay_Amp_G_f32[0]	-180.014267		
CDD_MtrCurrDax_Amp_G_f32[1]	125.014267 3.01426888		
CDD_MtrCurrK1_Amps_G_f32[0]	9.01426888		
CDD_MtrCurrK1_Amps_G_f32[1]			
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	6.3999998e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	8.4999997e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	21103		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	500		
k_MtrPosComputDelay_Sec_f32	7.10000022e-005		
k_NoofPoles_Uls_f32	2.74794936		
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	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0579999983	0.0579999983 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.237991333	0.237991333 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00433619553	-0.00433619553 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0]	2.01426888	2.01426888 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	1.70329678	1.70329678 ± 32	
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Name	Actual Value	Expected Value	Resul
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]	-220	-220 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	3.01426888	3.01426888 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	795.362854	795.362854 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-180.014267	-180.014267 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	-387.725311	-387.725342 ± 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]	0.059000004		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0150332004		
CDD_DCPhsBComp_Cnt_G_u16p0	28		
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	2.36386585		
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	Resu
CDD CorrMtrPosElec Rev G f32[0]	0.105361938	0.105361938 ± 0.0000152587890625	11000
CDD CorrMtrPosElec Rev G f32[1]	0.0150332004	0.0150332004 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.000184795223	0.000184795208 ± 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_132[1]			
CDD_MtrCurr2_volts_G_f32[t]	0.512820542 1.01452363	0.512820542 ± 32 1.01452363 ± 32	
	112.311806		
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDay_Amp_G_f32[1]	120.014526	112.311813 ± 0.03 120.014526 ± 0.03	
CDD_MtrCurrK1_Amps_G_f32[1]			
CDD_MtrCurrK1_Amps_G_f32[0]	178.029678	178.029694 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1]	18.0145245	18.0145245 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0]	-45.730648	-45.7306442 ± 32	
CDD_MtrCurrK2_Amps_G_f32[1]	120.014526	120.014526 ± 32	,
CDD_MtrCurrQax_Amp_G_f32[0]	145.505737 25.0145245	145.505753 ± 0.03 25.0145245 ± 0.03	

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Test Step 2.70 (Repeat Count = 1)	✓
Name	Input Value
Adc2_GetPhsBCurr_Cnt_u16_m	1848
Adc2_GetPhsCCurr_Cnt_u16_m	488





Name	Input Value		
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0430000015		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0109564001		
CDD_DCPhsBComp_Cnt_G_u16p0	312		
CDD_DCPhsCComp_Cnt_G_u16p0	2894		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.0750008		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	78.0749969		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0149999997		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0160000008		
CDD_MtrCurr1_Volts_G_f32[0]	0.0104467999		
CDD_MtrCurr1_Volts_G_f32[1]	2.01044679		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0099999978		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.010999999		
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	5.0063343		
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]	0.0845184326	0.0845184326 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0109564001	0.0109564001 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00729973614	-0.00729973614 ± 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]	475.632233	475.632263 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	6.01044703	6.01044703 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	86.6272964	86.6273346 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445	125.010445 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	166.179825	166.179794 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	25.0104465	25.0104465 ± 0.03	-

Test Step 2.72 (Repeat Count = 1)		<b>✓</b>
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	324	
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]	-0.0049999989		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0040000019		
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	3.53356576		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.79999995		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	101.099998		
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	81.0999985		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.375		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.043999998	0.0439999998 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0890350342	0.0890350342 ± 0.0000152587890625	<b>✓</b>
CDD_ElecPosDelayComp_Rad_G_f32	0.00857013371	0.00857013371 ± 0.0000152587890625	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	1.27350438	1.27350438 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.499389529	0.499389529 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	-160.010696	-160.010696 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	1.01070166	1.01070166 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	497.819214	497.819092 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696	-160.010696 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[1]	137.062668	137.062653 ± 32	-
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696	-200.010696 ± 0.03	•
CDD_MtrCurrQax_Amp_G_f32[1]	148.022537	148.022507 ± 0.03	<b>✓</b>

Test Step 2.73 (Repeat Count = 1)	<b>→</b>
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	336
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	2.88404393		
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]	0.255645752	0.255645752 ± 0.0000152587890625	-
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002	0.0114660002 ± 0.0000152587890625	•
CDD_ElecPosDelayComp_Rad_G_f32	-0.00435959315	-0.00435959315 ± 0.0000152587890625	-
CDD_MtrCurr1_Volts_G_f32[0]	1.5555558	1.55555558 ± 32	•
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641	1.01095641 ± 32	-
CDD_MtrCurr2_Volts_G_f32[0]	0.354090363	0.354090363 ± 32	-
CDD_MtrCurr2_Volts_G_f32[1]	2.01095629	2.01095629 ± 32	-
CDD_MtrCurrDax_Amp_G_f32[0]	-162.391907	-162.391907 ± 0.03	-
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558	63.0109558 ± 0.03	-
CDD_MtrCurrK1_Amps_G_f32[0]	536.967407	536.967407 ± 32	-
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629	5.01095629 ± 32	-
CDD_MtrCurrK2_Amps_G_f32[0]	-143.43808	-143.43808 ± 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	-

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	312
CDD_DCPhsCComp_Cnt_G_u16p0	2894
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-52.0750008
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	78.0749969
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0149999997
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0160000008
CDD_MtrCurr1_Volts_G_f32[0]	0.0104467999
CDD_MtrCurr1_Volts_G_f32[1]	2.01044679
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0099999978
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0109999999
CDD_MtrCurr2_Volts_G_f32[0]	0.0104467999
CDD_MtrCurr2_Volts_G_f32[1]	1.01044679
CDD_MtrCurrDax_Amp_G_f32[0]	-180.010452
CDD_MtrCurrDax_Amp_G_f32[1]	125.010445
CDD_MtrCurrK1_Amps_G_f32[0]	4.01044703
CDD_MtrCurrK1_Amps_G_f32[1]	6.01044703
CDD_MtrCurrK2_Amps_G_f32[0]	-180.010452
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445
CDD_MtrCurrQax_Amp_G_f32[0]	-120.010445
CDD_MtrCurrQax_Amp_G_f32[1]	25.0104465
CDD_MtrElecPol_Cnt_G_s8	1
CDD_Vecu_Volt_G_f32[0]	20.6299992
CDD_Vecu_Volt_G_f32[1]	19.3500004
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	4.40000003e-005
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	2.40000008e-005
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11076
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_MtrCurrOffLoComOff_Cnt_u16	710

CurrDQPer1





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	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	1.01044679	1.01044679 ± 32	~
CDD_MtrCurrDax_Amp_G_f32[0]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	125.010445	125.010445 ± 0.03	~
CDD_MtrCurrK1_Amps_G_f32[0]	475.632233	475.632263 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	6.01044703	6.01044703 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	86.6272964	86.6273346 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[1]	125.010445	125.010445 ± 32	•
CDD_MtrCurrQax_Amp_G_f32[0]	168.18042	168.180405 ± 0.03	<b>✓</b>
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]	0.043999998		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0112111997		
CDD_DCPhsBComp_Cnt_G_u16p0	324		
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]	-0.0040000019		
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	2.7999995		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	101.099998		
tgt Pim ShCurrCal.EOLPhscurr2Gain AmpspVolt f32	81.0999985		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.375		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CDD CorrMtrPosElec Rev G f32[0]	0.043999998	0.0439999998 ± 0.0000152587890625	11000
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0439999990	0.0899963379 ± 0.0000152587890625	



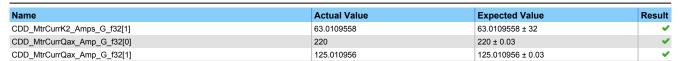


Name	Actual Value	Expected Value	Result
CDD_ElecPosDelayComp_Rad_G_f32	0.0145520996	0.0145520996 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	~
CDD_MtrCurr1_Volts_G_f32[1]	1.27350438	1.27350438 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166	1.01070166 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0.499389529	0.499389529 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	-160.010696	-160.010696 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	220	220 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	1.01070166	1.01070166 ± 32	~
CDD_MtrCurrK1_Amps_G_f32[1]	497.819214	497.819092 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[0]	-160.010696	-160.010696 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	137.062668	137.062653 ± 32	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[0]	-200.010696	-200.010696 ± 0.03	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[1]	151.007675	151.007629 ± 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	336		
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	3.4000006e-005		
MtrPos_CorrectedMtrPos_Rev_G_u0p16	11338		
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr		
k_MtrCurrOffLoComOff_Cnt_u16	730		
k_MtrPosComputDelay_Sec_f32	5.80000014e-005		
k_NoofPoles_UIs_f32	2.88404393		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.900001		
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		Evacated Value	Popul
	Actual Value	Expected Value	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.255645752	0.255645752 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0114660002	0.0114660002 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	-0.00435959315	-0.00435959315 ± 0.0000152587890625	•
CDD_MtrCurr1_Volts_G_f32[0]	1.5555558	1.5555558 ± 32	1
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]	-162.391907	-162.391907 ± 0.03	•
CDD_MtrCurrDax_Amp_G_f32[1]	63.0109558	63.0109558 ± 0.03	•
CDD_MtrCurrK1_Amps_G_f32[0]	536.967407	536.967407 ± 32	•
CDD_MtrCurrK1_Amps_G_f32[1]	5.01095629	5.01095629 ± 32	•
CDD_MtrCurrK2_Amps_G_f32[0]	-143.43808	-143.43808 ± 32	•

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#### **Test Case 3: Path Test**

Specification

CurrDQPer1

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

TC3.1 951 Cycles TC3.2 1000 Cycles TC3.3 948 Cycles TC3.4 914 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) (MtrCurrFinalDax\_Amps\_T\_f32>=220)(MtrCurrFinalDax\_Amps\_T\_f32<=-220) ==>False && MtrCurrFinalQax\_Amps\_T\_f32 = Limit\_m(MtrCurrQax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32) (MtrCurrFinalQax\_Amps\_T\_f32==220) (MtrCurrFinalQax\_Amps\_T\_f32==220) (MtrCurrFinalQax\_Amps\_T\_f32>=220) (MtrCurrFinalQax\_Amps\_T\_f32==220) (MtrCu

Limit\_m(MtrCurrQax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32)(MtrCurrFinalQax\_Amps\_T\_f32>=220)

(MtrCurrFinalQax\_Amps\_T\_f32<=-220)==>False

TG3.2 (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 && (MtrCurrFinalDax\_Amps\_T\_f32 = Limit\_m(MtrCurrDax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32)

(MtrCurrFinalDax\_Amps\_T\_f32==-220)==>True && (MtrCurrFinalDax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32)

(MtrCurrGax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32)(MtrCurrFinalDax\_Amps\_T\_f32 = Limit\_m(MtrCurrDax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32)

(MtrCurrFinalDax\_Amps\_T\_f32==220)==>True

TG3.4 MtrCurrFinalQax\_Amps\_T\_f32==Imit\_m(MtrCurrQax\_Amps\_T\_f32, -D\_CURRDQMAX\_AMP\_F32, D\_CURRDQMAX\_AMP\_F32)

(MtrCurrFinalQax\_Amps\_T\_f32==220)==>True

(MtrCurrFinalQax\_Amps\_T\_f32>=220)==>True

Test Step 3.1 (Repeat Count = 1)	<b>✓</b>
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	4
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	2.3599999
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





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]	0.0780792236	0.0780792236 ± 0.0000152587890625	~
CDD_CorrMtrPosElec_Rev_G_f32[1]	0	0 ± 0.0000152587890625	~
CDD_ElecPosDelayComp_Rad_G_f32	-0.0329809971	-0.0329809971 ± 0.0000152587890625	~
CDD_MtrCurr1_Volts_G_f32[0]	0	0 ± 32	<b>✓</b>
CDD_MtrCurr1_Volts_G_f32[1]	0	0 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[0]	0	0 ± 32	<b>✓</b>
CDD_MtrCurr2_Volts_G_f32[1]	0	0 ± 32	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[0]	34.3649292	34.3649292 ± 0.03	<b>✓</b>
CDD_MtrCurrDax_Amp_G_f32[1]	-220	-220 ± 0.03	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[0]	38.9599991	38.9599991 ± 32	<b>✓</b>
CDD_MtrCurrK1_Amps_G_f32[1]	-220	-220 ± 32	~
CDD_MtrCurrK2_Amps_G_f32[0]	0	0 ± 32	<b>✓</b>
CDD_MtrCurrK2_Amps_G_f32[1]	-220	-220 ± 32	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[0]	18.3557339	18.3557339 ± 0.03	<b>✓</b>
CDD_MtrCurrQax_Amp_G_f32[1]	-220	-220 ± 0.03	

Test Step 3.2 (Repeat Count = 1)			4	
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			
	0.0260000005			
CDD_MtrCurr2TempOffset_Volt_G_f32[1]				
CDD_MtrCurr2_Volts_G_f32[0]	5			
CDD_MtrCurr2_Volts_G_f32[1]				
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	0.00019999995			
k_NoofPoles_Uls_f32	3.25			
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	Resu	
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.999984741	0.999984741 ± 0.0000152587890625		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.974487305	0.974487305 ± 0.0000152587890625		
CDD_ElecPosDelayComp_Rad_G_f32	0.363350004	0.363350004 ± 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		





Name	Actual Value	Expected Value	Result
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	<b>✓</b>
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	<b>✓</b>

Test Step 3.3 (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]	0.046000001		
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0117207998		
CDD_DCPhsBComp_Cnt_G_u16p0	348		
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]	0.018999994		
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	4.7000014e-005		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.50000009e-005 11469		
MtrPos_CorrectedMtrPos_Rev_G_u0p16			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr 740		
k_MtrCurrOffLoComOff_Cnt_u16	5.90000018e-005		
k_MtrPosComputDelay_Sec_f32 k_NoofPoles_Uls_f32	4.11999989		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3		
	103.150002		
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32 tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	85.150002		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.37700009		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
		Function Value	Danul
Name	Actual Value	Expected Value	Resul
CDD_CorrMtrPosElec_Rev_G_f32[0]	0.0460000001	0.0460000001 ± 0.0000152587890625	•
CDD_CorrMtrPosElec_Rev_G_f32[1] CDD_ElecPosDeleyComp_Red_C_f23	0.0933380127	0.0933380127 ± 0.0000152587890625	
CDD_ElecPosDelayComp_Rad_G_f32	0.0104706706	0.0104706716 ± 0.0000152587890625	
CDD_MtrCurr1_Volts_G_f32[0] CDD_MtrCurr1_Volts_G_f32[1]	2.01121116	2.01121116 ± 32	
CDD_MtrCurr1_Volts_G_f32[1]	1.58608067	1.58608067 ± 32	
CDD_MtrCurr2_Volts_G_f32[0] CDD_MtrCurr2_Volts_G_f32[1]	1.01121116	1.01121116 ± 32 1.71428573 ± 32	
CDD_MtrCurr2_Volts_G_f32[1] CDD_MtrCurrDay_Amp_G_f32[0]	1.71428573		
CDD_MtrCurrDax_Amp_G_f32[0]	-120.011208	-120.011208 ± 0.03	
CDD_MtrCurrDax_Amp_G_f32[1] CDD MtrCurrK1 Amps G f32[0]	220	220 ± 0.03	
	4.0112114	4.0112114 ± 32	
CDD_MtrCurrK1_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[0]	449.22049	449.220398 ± 32 -120.011208 ± 32	
CDD_MtrCurrK2_Amps_G_f32[0] CDD_MtrCurrK2_Amps_G_f32[1]	-120.011208 222.519791		
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrQay_Amp. G_f32[0]		222.51973 ± 32	
CDD_MtrCurrQax_Amp_G_f32[0]	-160.011215	-160.011215 ± 0.03	
CDD_MtrCurrQax_Amp_G_f32[1]	63.2680054	63.2680092 ± 0.03	





Test Step 3.4 (Repeat Count = 1)			✓	
Name	Input Value			
Adc2_GetPhsBCurr_Cnt_u16_m	1375			
Adc2_GetPhsCCurr_Cnt_u16_m	159			
CDD_ADC2OffsetComp_Cnt_G_u8p8	9216	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	408			
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 28.7099991			
CDD_Vecu_Volt_G_f32[0] CDD_Vecu_Volt_G_f32[1]				
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	5.50000004e-005	8.7799973		
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	3.9999999-005			
MtrPos_CorrectedMtrPos_Rev_G_u0p16	65535			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_MtrCurrOffLoComOff_Cnt_u16	790			
k_MtrPosComputDelay_Sec_f32	6.3999998e-005			
k_NoofPoles_Uls_f32	5.36000013			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.3999998			
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]	0.0818786621	0.0818786621 ± 0.0000152587890625	~	
CDD_CorrMtrPosElec_Rev_G_f32[1]	0.0129947998	0.0129947998 ± 0.0000152587890625	<b>✓</b>	
CDD_ElecPosDelayComp_Rad_G_f32	-0.00896620844	-0.00896620844 ± 0.0000152587890625	~	
CDD_MtrCurr1_Volts_G_f32[0]	1.63492072	1.63492072 ± 32	<b>✓</b>	
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]	660.265259	660.265198 ± 32	~	
CDD_MtrCurrK1_Amps_G_f32[1]	28.0124855	28.0124855 ± 32	~	
CDD_MtrCurrK2_Amps_G_f32[0]	-181.404541	-181.404541 ± 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	~	

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CmMtrCurr\_SCom\_SetMtrCurrCals

Project CmMtrCurr1

 Module
 CmMtrCurr\_MTRCURRPHASECA\_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= -DMTRCURRPHASECA -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\\$(PROJECTROOT)\CmMtrCurr\utp\\indth\contract\Sa_CmMtrCurr -I\\$(PROJECTROOT)\NxtrLib\\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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Spe	cification
Name	Text
MOUDIE 'CmMtrCurr_MTRCURRPHASECA_ON	Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2 Module Design Document:CmMtrCurr_MDD.docx Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:2 Unit Test Plan Version:2 Optimization Level:Level 2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32 Total FLASH Used (Bytes):3176 Total RAM Used (Bytes):130 Total CALS Used (Bytes):48 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_, CmMtrCurr_Curr-OffAvgCounter_Cnt_M_u16 .  Note4:-In function CurrDQPer1(), variables 'MtrCurrK1_Amps_f32' and 'MtrCurrK2_Amps_f32' are going to very large values."

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

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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_Ps.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		

CmMtrCurr\_SCom\_SetMtrCurrCals



### **Test Case 1: Range Test**

#### Specification

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

CPU Cycles:

494.00 Cycles TS1.2 TS1.3 TS1.4 TS1.5 TS1.6 TS1.7 TS1.10 TS1.11 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 494.00 Cycles 494.00 Cycles 494.00 Cycles 494.00 Cycles TS1.19 TS1.20 TS1.21 TS1.22 494.00 Cycles 494.00 Cycles 494.00 Cycles 494.00 Cycles TS1.23 494.00 Cycles

#### 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 TS1.9 ShCurrCalPtr1.EOLPhscurr1Gain\_AmpspVolt\_f32==>Min TS1.10 ShCurrCalPtr1.EOLPhscurr1Gain\_AmpspVolt\_f32==>Max TS1.11 ShCurrCalPtr1.EOLPhscurr1Gain\_AmpspVolt\_f32==>Max TS1.12 ShCurrCalPtr1.EOLPhscurr2Gain\_AmpspVolt\_f32==>Min TS1.13 ShCurrCalPtr1.EOLPhscurr2Gain\_AmpspVolt\_f32==>Max TS1.14 ShCurrCalPtr1.EOLPhscurr2Gain\_AmpspVolt\_f32==>Max TS1.14 ShCurrCalPtr1.EOLPhscurr2Gain\_AmpspVolt\_f32==>Max TS1.15 ShCurrCalPtr1.EOLMtrCurr2OffsetLo\_Volts\_f32==>Min TS1.16 ShCurrCalPtr1.EOLMtrCurr2OffsetLo\_Volts\_f32==>Max TS1.17 ShCurrCalPtr1.EOLMtrCurr2OffsetLo\_Volts\_f32== TS1.16 ShCurrCalPtr1.EOLMtrCurr2OffsetLo\_Volts\_132==>Max
TS1.17 ShCurrCalPtr1.EOLMtrCurr2OffsetLo\_Volts\_132==>Pos
TS1.18 ShCurrCalPtr1.EOLMtrCurr1OffsetDiff\_Volts\_132==>Min
TS1.19 ShCurrCalPtr1.EOLMtrCurr1OffsetDiff\_Volts\_132==>Max
TS1.20 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff\_Volts\_132==>Min
TS1.21 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff\_Volts\_132==>Min
TS1.22 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff\_Volts\_132==>Max
TS1.23 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff\_Volts\_132==>Max

TS1.23 ShCurrCalPtr1.EOLMtrCurr2OffsetDiff\_Volts\_f32==>Pos

Fest 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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20	20 ± 0.002	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	20	20 ± 0.002	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	<b>✓</b>
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	~	

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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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	125	125 ± 0.002	•
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125 ± 0.002	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	•
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	<b>✓</b>

T				<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.4079411	2.407941222 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.60075355	2.600753427 ± 0.0003	<b>✓</b>

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 Expect	ed Value Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000 ±	0.004
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3 ± 0.000	03
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	112.491722 112.4917	7227 ± 0.002

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Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	66.9764252	66.97642553 ± 0.002	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.00158358	2.001583517 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2414279	1.241427958 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

T					<b>✓</b>
	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)			<b>✓</b>
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				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	~

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	62431.30998		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	69.21088207		
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	49.80123484		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.148734033		
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3		
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	62431.3086	62431.30998 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1	1 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

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

Test Step 1.7 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
ShCurrCalPtr	tgt_ShCurrCalPtr

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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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	~

Test Step 1.8 (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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	41.0822411	41.08224213 ± 0.002	•
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	39.4476624	39.44766319 ± 0.002	<b>✓</b>
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	<b>✓</b>

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

Test Step 1.9 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	20	20 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	89.4126968	89.41269803 ± 0.002	<b>✓</b>
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	~



Τ				<b>~</b>
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOI ShCurrCal WriteBlock	1	Pte Call Sa CmMtrCurr EOI ShCurrCal 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				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	<b>✓</b>

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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	118.5	118.5 ± 0.002	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	112.796776	112.7967792 ± 0.002	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.37339675	1.373396754 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

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

Test Step 1.12 (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	

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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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	~

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	95.4412079	95.44120693 ± 0.002	-
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	125	125 ± 0.002	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.49868464	2.498684645 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.88871336	2.888713241 ± 0.0003	<b>✓</b>
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.35530949	2.355309486 ± 0.0003	<b>✓</b>

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

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	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				<b>✓</b>
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)			<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	31.6057796	31.60577965 ± 0.002	<b>✓</b>
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	<b>✓</b>

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

Test Step 1.16 (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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	35.7947083	35.79470646 ± 0.002	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	✓

T				<b>✓</b>
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)		<b>✓</b>
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	· ·

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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	<b>✓</b>

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

Name	Input Value		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	70.5773849	70.57738435 ± 0.002	~
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	25.7233143	25.72331345 ± 0.002	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69007492	1.69007498 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1	1 ± 0.0003	•
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.51974046	1.519740403 ± 0.0003	<b>✓</b>

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

Test Step 1.19 (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	<b>✓</b>

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	~

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CmMtrCurr\_SCom\_SetMtrCurrCals

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	

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tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32

CmMtrCurr\_SCom\_SetMtrCurrCals

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3 ± 0.0003

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	~
tot Pim ShCurrCal FOI MtrCurr1OffeetDiff Volte f32	2.01440239	2 01440233 + 0 0003	•

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

Name	Input Value		
	•		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
ShCurrCalPtr	tgt_ShCurrCalPtr		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
tgt_ShCurrCalPtr.EOLMtrCurrVcalCmd_VoltCnts_f32	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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.62973619	1.629736185 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr1Gain_AmpspVolt_f32	86.757637	86.75763345 ± 0.002	<b>✓</b>
tgt_Pim_ShCurrCal.EOLPhscurr2Gain_AmpspVolt_f32	85.5710297	85.57103252 ± 0.002	<b>✓</b>
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	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	Rte Call Sa CmMtrCurr EOLShCurrCal WriteBlock	1	~

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CmMtrCurr\_SCom\_CalOffset

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASECA\_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= -DMTRCURRPHASECA -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\\$(PROJECTROOT)\CmMtrCurr\include -I\\$(PROJECTROOT)\NxtrLib\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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Spe	ecification
Name	Text





Module 'CmMtrCurr MTRCURRPHASECA ON 

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

Code File(s) Version:2
Module Design Document: CmMtrCurr\_MDD.docx
Module Design Document Version:2
Data Dictionary Version:2
Unit Test Plan Version:2
Optimization Level: Level 2
Compiler (CodeGen) Version:TMS470\_4.9.5
Model Type: Excel Macro
Model Version: Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32
Total FLASH Used (Bytes):3176
Total RAM Used (Bytes):130
Total CALS Used (Bytes):46
Special Test Requirements:NA
Test Date: 7/23/2016

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

Note2:- ""CBD\_Sandbox\_dbg.map"" map file is embedded for reference.

Note3:-In function ""CmMtrCurr\_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :MtrCurr2SumHi\_Volt\_M\_f32 , VecuSum\_Volt\_M\_f32 , MtrCurr1SumLo\_Volt\_M\_f32, MtrCurr2SumLo\_Volt\_M\_f32,
MtrCurr1SumZero\_Volt\_M\_f32,MtrCurr2SumZero\_Volt\_M\_f32, CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16 .

Note4:-In function CurrDQPer1(), variables 'MtrCurrK1\_Amps\_f32' and 'MtrCurrK2\_Amps\_f32' are going to very large values."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_Ps.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 Performanc

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

CPU Cycles

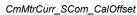
TC1.1 1036.00 Cycles TC1.2 1052.00 Cycles

**Description** VECTOR DESCRIPTION:

 $TS1.1 \quad Shortest \ Execution \ Path==> (Abs\_f32\_m(MtrVel\_MtrRadpS\_T\_f32) < k\_MaxCurrOffMtrVel\_RadpS\_f32) = False \\ TS1.2 \quad "Longest \ Execution \ Path==> (Abs\_f32\_m(MtrVel\_MtrRadpS\_T\_f32) < k\_MaxCurrOffMtrVel\_RadpS\_f32) = True; \\ (VehSpd\_Kph\_T\_f32 < FLT\_EPSILON) = True \&\& (VhSpdValid\_T\_Cnt\_lgc == TRUE) = False"$ 

Test Step 1.1 (Repeat Count = 1)				
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_	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_	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	10	10		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-285	-285		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	186			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	✓	
CmMtrCurr_SCom_CalOffset()	34	34	✓	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	✓	

Test Step 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_CmMtrCui	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCui	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	13	13		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	0	0		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	0			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	~	
CmMtrCurr_SCom_CalOffset()	21	21	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓	





### Test Case 2: Range Test

Specification

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

CPU Cycles:

CPU Cycles:

TC2.1 1036.00 Cycles
TC2.2 1036.00 Cycles
TC2.3 1036.00 Cycles
TC2.3 1036.00 Cycles
TC2.4 1036.00 Cycles
TC2.5 1036.00 Cycles
TC2.6 1036.00 Cycles
TC2.7 1036.00 Cycles
TC2.9 1034.00 Cycles
TC2.9 1034.00 Cycles
TC2.10 1036.00 Cycles
TC2.11 1046.00 Cycles
TC2.12 1034.00 Cycles
TC2.12 1034.00 Cycles
TC2.13 1036.00 Cycles
TC2.14 1036.00 Cycles
TC2.15 1036.00 Cycles
TC2.16 1036.00 Cycles
TC2.17 1052.00 Cycles
TC2.18 1044.00 Cycles
TC2.19 1044.00 Cycles
TC2.19 1044.00 Cycles
TC2.20 1044.00 Cycles

#### Description

#### VECTOR DESCRIPTION:

TS2.1All Min TS2.2All Max

TS2.2All Max
TS2.3CurrentGainSvc\_Cnt\_M\_lgc==>True
TS2.4CurrentGainSvc\_Cnt\_M\_lgc==>False
TS2.5MtrVel\_MtrRadpS\_f32==>Min
TS2.6MtrVel\_MtrRadpS\_f32==>Pos
TS2.5MtrVel\_MtrRadpS\_f32==>Zero
TS2.5MtrVel\_MtrRadpS\_f32==>Zero
TS2.5MtrVel\_MtrRadpS\_f32==>Neg
TS2.10VhSpdValid\_Cnt\_lgc==>True
TS2.11VhSpdValid\_Cnt\_lgc==>False
TS2.12k\_MaxCurrOffMtrVel\_RadpS\_f32==>Min
TS2.13k\_MaxCurrOffMtrVel\_RadpS\_f32==>Max
TS2.14k\_MaxCurrOffMtrVel\_RadpS\_f32==>Zero
TS2.16k\_MaxCurrOffMtrVel\_RadpS\_f32==>Neg
TS2.17k\_MaxCurrOffMtrVel\_RadpS\_f32==>Neg
TS2.17k\_MaxCurrOffMtrVel\_RadpS\_f32==>Neg
TS2.17k\_MaxCurrOffMtrVel\_RadpS\_f32==>Default
TS2.18VehSpd\_Kph\_f32==>Min

TS2.18VehSpd\_Kph\_f32==>Min TS2.19VehSpd\_Kph\_f32==>Max TS2.20VehSpd\_Kph\_f32==>Pos

Test Step 2.1 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCuri	VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	-20	-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	<b>✓</b>	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	<b>✓</b>	
CmMtrCurr_SCom_CalOffset()	34	34	<b>✓</b>	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	<b>✓</b>	

T				<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>



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_	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	20	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	<b>✓</b>	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc(data)	1	1	<b>✓</b>	

Т				<b>✓</b>
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)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	-6.32499981	-6.32499981		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	652.325378	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	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	<b>✓</b>	
CmMtrCurr_SCom_CalOffset()	34	34	<b>✓</b>	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	✓	



T				<b>✓</b>
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	~
Pte Write Sa CmMtrCurr CurrentGainSvc Cnt Igo	1	Pte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	-

Test Step 2.5 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	rr_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	rr_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCui	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	<b>~</b>	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	~	

Τ				<b>✓</b>
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	<b>✓</b>
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	<b>~</b>
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	<b>✓</b>

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_CmMtrCur	r_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	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				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	•
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt loc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	<b>✓</b>



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_	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	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	<b>✓</b>	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Iqc(data)	0	0	<b>✓</b>	

Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	~

Test Step 2.8 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCui	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	13			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	0			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	156.539993			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	0			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	~	
CmMtrCurr_SCom_CalOffset()	21	21	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_Igc(data)	1	1	~	

T				<b>✓</b>
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	<b>✓</b>
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	<b>✓</b>

Test Step 2.9 (Repeat Count = 1)			<b>✓</b>	
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	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	10			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-285.649994			
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	186.875			
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	<b>✓</b>	
CmMtrCurr_SCom_CalOffset()	34	34	<b>✓</b>	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	✓	



T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	-

Test Step 2.10 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCui	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	2.42746878	2.42746878		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2.98000002	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	<b>✓</b>	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓	

Τ	T			<b>✓</b>
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	<b>~</b>

Test Step 2.11 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCu	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCu	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCu	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	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	<b>✓</b>	

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	•
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	•
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt loc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	<b>✓</b>

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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_MtrR	RadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kp	h_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	_Cnt_lgc_data	
k_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	~



T				<b>✓</b>
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)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr	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	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	<b>✓</b>	
CmMtrCurr_SCom_CalOffset()	34	34	~	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	~	

T				<b>✓</b>
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	<b>✓</b>
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	<b>~</b>
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	<b>✓</b>

Test Step 2.16 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	-13.5			
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-98.1589966	-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	<b>✓</b>	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	✓	
CmMtrCurr_SCom_CalOffset()	34	34	✓	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓	

Т				
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	<b>✓</b>
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	<b>✓</b>

Rte\_Write\_Sa\_CmMtrCurr\_CurrentGainSvc\_Cnt\_lgc(data)



Test Step 2.17 (Repeat Count = 1)			<b>✓</b>
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	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	<b>✓</b>
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	1	1	•
CmMtrCurr_SCom_CalOffset()	0	0	•

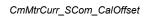
T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32	1	~
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32	1	~
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc	1	•

Test Step 2.18 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	12	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	<b>✓</b>	
CmMtrCurr_SCom_CalOffset()	0	0	<b>✓</b>	
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	1	1	✓	

T				<b>✓</b>
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	<b>✓</b>
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	~
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	<b>✓</b>

Test Step 2.19 (Repeat Count = 1)			<b>✓</b>	
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	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	6.55960798	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				<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>

Test Step 2.20 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0		
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrR	ladpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kpl	h_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_	_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	16.8791161		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	16.3250008		
tgt_Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32_data	65.5		
tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data	1		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	•
CmMtrCurr_SCom_CalOffset()	21	21	~
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	~

<b>Test Case 3</b>	e: Path Test	<b>✓</b>
Specification	Performance Metrics : [With "None" Instrumentation and WithPS Environment]	
	CPU Cycles:	
	TS3.1 2134.00 Cycles TS3.2 1986.00 Cycles TS3.3 1970.00 Cycles TS3.4 1963.00 Cycles TS3.5 2000.00 Cycles	
Description	VECTOR DESCRIPTION:	
	TS3.1 "( (Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) && (ProductionMode != Mec_Cnt_T_enum) )=False"  TS3.2 "( (Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) && (ProductionMode != Mec_Cnt_T_enum) )=True ( (VehSpd_Kph_T_f32 < FLT_EPSILON) && (VehSpd_Valid_T_Cnt_lgc == TRUE) )=False"  TS3.3 "( (VehSpd_Kph_T_f32 < FLT_EPSILON) && (VhSpdValid_T_Cnt_lgc == TRUE) )=True"  TS3.4 "( (Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) =True&& (ProductionMode != Mec_Cnt_T_enum) =False)"  TS3.5 "( (VehSpd_Kph_T_f32 < FLT_EPSILON) =True&& (VhSpdValid_T_Cnt_lgc == TRUE) =False)"	

Test Step 3.1 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0			
Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	-20	-20		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	-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	<b>✓</b>	
CmMtrCurr_CurrentGainSvc_Cnt_M_lgc	0	0	<b>✓</b>	
CmMtrCurr_SCom_CalOffset()	34	34	<b>✓</b>	
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 Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	-

Test Step 3.2 (Repeat Count = 1)			<b>✓</b>	
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_	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	16.7347775	16.7347775		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	5	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	~	

Τ				<b>✓</b>
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	<b>✓</b>
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc	1	<b>~</b>
Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt Igc	1	<b>✓</b>

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_CmMtrCur	r_MtrVel_MtrRadpS_f32_data		
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCur	r_VehSpd_Kph_f32_data		
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCur	tgt_Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc_data		
k_MaxCurrOffMtrVel_RadpS_f32	2.42746878	2.42746878		
tgt_Rte_Read_Sa_CmMtrCurr_MtrVel_MtrRadpS_f32_data	2	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	<b>✓</b>	

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 loc	1	Rte Write Sa CmMtrCurr CurrentGainSvc Cnt lgc	1	<b>✓</b>



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	<b>✓</b>
CmMtrCurr_SCom_CalOffset()	21	21	<b>✓</b>
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	<b>✓</b>

au				<b>✓</b>
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_CmMtrCui	rr_MtrVel_MtrRadpS_f32_data	
Rte_Read_Sa_CmMtrCurr_VehSpd_Kph_f32(data)	tgt_Rte_Read_Sa_CmMtrCui	rr_VehSpd_Kph_f32_data	
Rte_Read_Sa_CmMtrCurr_VhSpdValid_Cnt_lgc(data)	tgt_Rte_Read_Sa_CmMtrCui	rr_VhSpdValid_Cnt_lgc_data	
k_MaxCurrOffMtrVel_RadpS_f32	2.42746878		
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	<b>✓</b>
Rte_Write_Sa_CmMtrCurr_CurrentGainSvc_Cnt_lgc(data)	0	0	~

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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	•

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CmMtrCurrTempOffset\_Scom\_Set

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASECA\_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= -DMTRCURRPHASECA -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\\$(PROJECTROOT)\NxtrLib\nclude -I\\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

lame	Text
Module CmMtrCurr_MTRCURRPHASECA_OI	Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2 Module Design Document:CmMtrCurr_MDD.docx Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32 Total FLASH Used (Bytes):3176 Total FLASH Used (Bytes):3130 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_Voit_M_f32, VecuSum_Voit_M_f32, MtrCurr1SumLo_Voit_M_f32, MtrCurr2SumLo_Voit_M_f32, MtrCurr2SumLo_Voit_M_f32, MtrCurr2SumLo_Voit_M_f32, are going to very large values."

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

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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_Ps.tpl	
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4	
Time Unit	cycles	
Timer Enabled	false	
Timer Prescale	0	
Timer Resolution	1	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg	
Workspace File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP	



#### **Test Case 1: Range Test**

CmMtrCurrTempOffset\_Scom\_Set

#### Specification

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

CPU Cycles:

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

#### Description

#### Vector Description:

TS1.1 All Min

TS1.2 All Max
TS1.3 CurrTempOffCal1.CurrTempOffsetX\_DegC\_s10p5==>Min
TS1.4 CurrTempOffCal1.CurrTempOffsetX\_DegC\_s10p5==>Max
TS1.5 CurrTempOffCal1.CurrTempOffsetX\_DegC\_s10p5==>Pos
TS1.6 CurrTempOffCal1.CurrTempOffsetX\_DegC\_s10p5==>Pos
TS1.6 CurrTempOffCal1.CurrTempOffsetX\_DegC\_s10p5==>Neg
TS1.8 CurrTempOffCal1.CurrOffsetY1\_Volts\_s4p11==>Min
TS1.9 CurrTempOffCal1.CurrOffsetY1\_Volts\_s4p11==>Max
TS1.10 CurrTempOffCal1.CurrOffsetY1\_Volts\_s4p11==>Pos
TS1.11 CurrTempOffCal1.CurrOffsetY1\_Volts\_s4p11==>Pos
TS1.12 CurrTempOffCal1.CurrOffsetY1\_Volts\_s4p11==>Neg
TS1.13 CurrTempOffCal1.CurrOffsetY2\_Volts\_s4p11==>Neg
TS1.14 CurrTempOffCal1.CurrOffsetY2\_Volts\_s4p11==>Neg
TS1.15 CurrTempOffCal1.CurrOffsetY2\_Volts\_s4p11==>Max
TS1.16 CurrTempOffCal1.CurrOffsetY2\_Volts\_s4p11==>Pos
TS1.17 CurrTempOffCal1.CurrOffsetY2\_Volts\_s4p11==>Pos
TS1.17 CurrTempOffCal1.CurrOffsetY2\_Volts\_s4p11==>Pos

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

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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	<b>✓</b>

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	- Toodit
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	<b>~</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1600	-1600	_
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-1600	-1600	<b>~</b>
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	-1600	-1600	_
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-1600	-1600	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-1600	-1600	_
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[11]	-1600	-1600	<b>~</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600	-1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600	-1600	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600	-1600	_
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[15]	-1600	-1600	<b>✓</b>
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[0]	-53	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-53	-53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-53	-53	
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[3]	-53	-53	<b>✓</b>
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[4]	-53	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-53	-53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-53	-53	_
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-53	-53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-53	-53	_
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-53	-53	<b>✓</b>
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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-53	-53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-53	-53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-53	-53	~
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[3]	-53	-53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-53	-53	~
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[5]	-53	-53	<b>✓</b>
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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-53	-53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-53	-53	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-53	-53	<b>✓</b>

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

CmMtrCurrTempOffset\_Scom\_Set

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Name	Actual Value	Expected Value	Result
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	53	53	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	53	53	~
tat Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[15]	53	53	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	~

Test Step 1.3 (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

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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]	
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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1] -1600 -1600	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2] -1600 -1600	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3] -1600 -1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4] -1600 -1600	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5] -1600 -1600	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6] -1600 -1600	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] -1600 -1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] -1600 -1600	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9] -1600 -1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10] -1600 -1600 -1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11] -1600 -1600 -1600	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12] -1600 -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 -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	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2] 6 6	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3] 8 8	<b>~</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4] 10 10	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5] 12 12	<b>Y</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6] 14 14	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7] 16 16	<b>Y</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8] 18 18	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9] 20 20	<b>*</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] 23 23	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] 25 25	<b>-</b>
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				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	~

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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				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	~

Test Step 1.5 (Repeat Count = 1)	<b>✓</b>
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

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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	<b>✓</b>	
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	<b>✓</b>	
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[6]	1440	1440	-	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	1600	1600	<b>✓</b>	
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	2080	2080	-	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2400	2400	<b>✓</b>	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	2560	2560	~	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	2720	2720	<b>✓</b>	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3040	3040	~	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	3360	3360	<b>✓</b>	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	3680	3680	<b>~</b>	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4160	4160	<b>✓</b>	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35	35	<b>~</b>	
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	<b>✓</b>	
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	<b>✓</b>	
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	<b>~</b>	

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



Name	Test Step 1.6 (Repeat Count = 1)			<b>✓</b>		
CurtrenpOttal		Input Value				
Majestage_September   Majestage_September		·				
Dec.   Continement   Dec.   Continement   Dec.	·					
E. Dut Transportical Court Fragricules (2)	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	0				
Bag	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	0	0			
19_CONT PROPOTORS OUT PROPORTION DE PORT   1500   19_CONT PROPOTORS OUT PROPOTORS OUT PROPOTORS   19_CONT PROPOTORS OUT PROPOTORS OU						
Value   Valu						
Sec.   Description (Child Court From Child Court From C						
Inc. Curt Improfice Contribution (1992, 510587)						
Security of Continue Continu						
Big. Curt Free Official Curt F						
Sec. CurrismonOfficial Curri		0				
Sec. CurtierapiONICAL Science	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	0				
Security and Court Common (Park Dec)   1	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	0				
10  Curt PempORTICAL Curt PrompORTICAL Design 1 1 1	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]					
bg.CurTengORTICAL CURTEMPLY (VISIS, 196110)   2   2   2   2   2   2   2   2   2						
Section   Sect						
Security   Security						
Section   Sect						
Section   Sect						
SQ_CurrempOffCal CurrOffsetY_Volts_Apty15    SQ_CurrempOffCal Cu						
10						
SQ_CurrempOffical.CurrOffisetY_Volts_s4p11[9]   16   18   18   19   19   19   19   19   19		12				
Fig. CurrTempOffical CurrOffsetYL_Volts_s4p11[9]   20	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	14				
Eg. CurrTempOfficial CurrOffsetY1_Volts_s4p11[0]   23     Eg. CurrTempOfficial CurrOffsetY1_Volts_s4p11[17]   25     Eg. CurrTempOfficial CurrOffsetY1_Volts_s4p11[18]   27     Eg. CurrTempOfficial CurrOffsetY1_Volts_s4p11[18]   27     Eg. CurrTempOfficial CurrOffsetY1_Volts_s4p11[18]   29     Eg. CurrTempOfficial CurrOffsetY1_Volts_s4p11[18]   29     Eg. CurrTempOfficial CurrOffsetY1_Volts_s4p11[18]   31     Eg. CurrTempOfficial CurrOffsetY1_Volts_s4p11[19]   33     Eg. CurrTempOfficial CurrOffsetY2_Volts_s4p11[19]   47     Eg. CurrTempOfficial CurrOffsetY2_Volts_s4p11[19]   49     Eg. CurrTempOfficial CurrOffsetY2_Volts_s4p11[19]   49     Eg. CurrTempOfficial CurrOffsetY2_Volts_s4p11[19]   49     Eg. CurrTempOfficial CurrOffsetY2_Volts_s4p11[19]   40     Eg. CurrTempOfficial CurrOffsetY2_Volts		16	16			
Ig.L_currTempOffical CurrOffsetYL_volts_s4p11[10]   25			18			
Sp. CurlTempOffical CurrOffsetY1_Volts_s4p11[12]   25						
eg.Curr/empOffical.CurrOffset/Y_Volts_spt1 12  27						
Eg. CurrTempOffical CurrOffsetY1_Volts_s4p11[14]   31   31   31   31   31   31   31   3						
Eg. CurrTempOffCal CurrOffsetY1_Volts_4p11[14]   31     Eg. CurrTempOffCal CurrOffsetY1_Volts_4p11[15]   33     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[16]   47     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[17]   49     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[17]   49     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[18]   55     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[18]   55     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[18]   55     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[18]   6     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[17]   8     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[18]   10     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[18]   10     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[18]   10     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[19]   12     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[19]   14     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[19]   16     Eg. CurrTempOffCal CurrOffsetY2_Volts_4p11[14]   18     Eg. CurrTempOffSet CurrTempOffSet Deg. SolpSet   19     Eg. Pim. CurrTempOffSet CurrTempOffSet Deg. SolpSet   19     Eg. P						
Igl_CurTempOffical CurrOffsetY1_Volts_s4p11[5]   33   47   47   47   47   47   47   47						
Igl_CurrTempOffCal.CurrOffSet/2_Volts_s4p11[1]   49						
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-47				
Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[3]   -53     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[6]   2     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[6]   4     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[6]   6     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[7]   8     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[8]   10     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[8]   10     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[8]   12     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[10]   14     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[11]   16     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[11]   16     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[13]   20     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[14]   23     Igt_CurTempOffCal.CurrOffsetY2_Volts_s4p11[15]   25     Igt_Rie_Inst_Sa_CmMtrCurr.Pim_CurTempOffset   Igt_Pim_CurrTempOffset     Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[16]   25     Igt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]   0   0     Igt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]   0   0     Igt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]   0   0     Igt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]   0   0     Igt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]   0   0     Igt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]   0   0     Igt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]   0   0     Igt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]   0   0     Igt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]   0   0     Igt_Pim_CurrTempOffset.CurrTempO	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-49				
tg_CurrTempOffCal CurrOffsetY2_Volts_s4p11[4]	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-51				
tg_CurrTempOffCal CurrOffsetY2_Volts_s4p11[5]						
tg  CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]   6     tg  CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]   8     tg  CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]   10     tg  CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]   12     tg  CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]   14     tg  CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]   16     tg  CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]   18     tg  CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]   20     tg  CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]   23     tg  CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]   25     tg  CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]   25     tg  Tell_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset   tgl_Pim_CurrTempOffset     Name						
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_Re_Inst_Sa_CmMtrCurrPim_CurrTempOffSet   tgt_Pim_CurrTempOffSet						
tgl_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]						
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_Re_Inst_Sa_CmMtrcur.Pim_CurrTempOffset   tgt_Pim_CurrTempOffset   tgt_Pim_CurrTempOffset   tgt_Pim_CurrTempOffset   tgt_Pim_CurrTempOffset   tgt_Pim_CurrTempOffset   tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]   0						
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_Rel_inst_Sa_CmMtrCurr.Pim_CurrTempOffset         tgt_Pim_CurrTempOffset.CurrTempOffset           Name         Actual Value         Expected Value         Re           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]         0						
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         Ret           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]         0         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]         0         0         0         0         1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]         0         0         0         1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]         0         0         0         1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]         0         0         0         1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]         0         0         0         1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]         0         0         0         1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]         0         0         0         1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]         0         0         0         1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]         0         0         0         1gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]		14				
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         Restrain CurrTempOffset CurrTempOffsetX_DegC_s10p5[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[3]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]         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[1]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]         0         0	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	16				
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]         23           tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]         25           tgt_Re_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset         tgt_Pim_CurrTempOffset           Name         Actual Value         Expected Value         Restrain CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]         0         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]         0         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]         0         0         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]         0	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	18				
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]         25           tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset         tgt_Pim_CurrTempOffset           Name         Actual Value         Expected Value         Reserved           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]         0         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]         0	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]					
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset         tgt_Pim_CurrTempOffset         Reserved Value         R						
Name         Actual Value         Expected Value         Reserved           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[10]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]         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 <tr< td=""><td></td><td></td><td></td><td></td></tr<>						
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[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[7]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]         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[13]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]         0         0           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11[0]         2         2			Form a set of Malico	D It		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]         0           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]         2           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]         4			· ·	Result		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]         0         0           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]         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_CurrTempOffsetX_DegC_s10p5[3]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[4]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[5]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[6]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[7]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[8]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[8]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[9]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[10]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[11]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[12]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[13]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[13]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[14]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]						
tgt_Pim_CurrTempOffsetX_DegC_s10p5[4]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[5]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[6]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[7]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[8]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[8]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[9]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[10]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[11]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[12]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[13]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[13]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[14]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15] <td></td> <td></td> <td></td> <td>•</td>				•		
tgt_Pim_CurrTempOffsetX_DegC_s10p5[5]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[6]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[7]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[8]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[8]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[9]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[10]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[11]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[12]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[13]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[14]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15] <td></td> <td></td> <td></td> <td>-</td>				-		
tgt_Pim_CurrTempOffsetX_DegC_s10p5[7]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[8]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[9]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[10]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[11]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[12]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[13]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[14]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0       0		0	0	•		
tgt_Pim_CurrTempOffsetX_DegC_s10p5[8]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[9]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[10]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[11]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[12]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[13]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[14]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	0	0	•		
tgt_Pim_CurrTempOffsetX_DegC_s10p5[9]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[10]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[11]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[12]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[13]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[14]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       2         tgt_Pim_CurrTempOffsetX_DegC_s10p5[11]       4				•		
tgt_Pim_CurrTempOffsetX_DegC_s10p5[10]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[11]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[12]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[13]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[14]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       2       2         tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]       2       2         tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]       4       4				•		
tgt_Pim_CurrTempOffsetX_DegC_s10p5[11]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[12]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[13]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[14]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       2       2         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       4       4				·		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[13]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[14]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]       2       2         tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]       4       4				•		
tgt_Pim_CurrTempOffsetX_DegC_s10p5[13]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[14]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]       0       0         tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]       2       2         tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]       4       4			l'			
tgt_Pim_CurrTempOffsetX_DegC_s10p5[14]         0         0           tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]         0         0           tgt_Pim_CurrTempOffsetX_DegC_s10p5[15]         0         0           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]         2         2           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]         4         4				•		
tgt_Pim_CurrTempOffsetX_DegC_s10p5[15] 0 0 0 tgt_Pim_CurrTempOffsetX_DegC_s10p5[15] 2 2 tgt_Pim_CurrTempOffsetX_Uotts_s4p11[0] 2 4 4						
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0] 2 2 2 2 1gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4						
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] 4 4				•		
				•		
G			6	•		

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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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	27	27	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	29	29	<b>✓</b>
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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	14	14	~
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	16	16	<b>✓</b>
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	<b>✓</b>

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLCurrTempOffset_WriteBlock	1	~

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

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CmMtrCurrTempOffset\_Scom\_Set

Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	2		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	4		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	6		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	8		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	10		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	12		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	20		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	23 25		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	25		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	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	<b>✓</b>
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	<b>~</b>
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 -384	-480 -384	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-320	-320	
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[14]	-160	-160	_
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35	35	
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[1]	37	37	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39	39	<b>✓</b>
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	<b>Y</b>
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] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-6 -8	-6 -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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6	6	<b>✓</b>
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	<b>-</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23	23	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25 27	25 27	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	29	29	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	31	31	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	33	33	_
27		1	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	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		
gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-800		
gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	-640		
gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	-480		
gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	-160		
gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	0 320		
gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	640		
gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	960		
gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	1280		
gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	1920		
gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	2240		
gt CurrTempOffCal.CurrTempOffsetX DegC s10p5[15]	2560		
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-53		
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-53		
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-53		
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-53		
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	-53		
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	-53		
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	-53		
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	-53		
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	-53		
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	-53		
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-53		
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	-53		
gt_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		
gt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	47 49		
gt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7] gt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51		
gt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53		
gt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2		
gt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4		
gt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-6		
gt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-8		
gt_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	Res
gt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[0]	-1440	-1440	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1280	-1280	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1120	-1120	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-960	-960	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-800	-800	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-640	-640	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-480	-480	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-160	-160	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	0	0	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	320	320	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	640	640	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	960	960	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1280	1280	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1920	1920	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2240	2240	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2560	2560	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53	-53	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-53	-53	
	-53	-53	

tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[15]

CmMtrCurrTempOffset\_Scom\_Set

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**Actual Value Expected Value** tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[3] -53 -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[4] -53 -53 -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[5] -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[6] -53 -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[7] -53 -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[8] -53 -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[9] -53 -53  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[10]$ -53 -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[11] -53 -53  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[12]$ -53 -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[13] -53 -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[14] -53 -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[15] -53 -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[0] 35 35 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[1] 37 37 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[2] 39 39  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[3]$ 41 41 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[4] 43 43  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[5]$ 45 45 47 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[6] 47 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[7] 49 49 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[8] 51 51 53 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[9] 53 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[10] -2 -2 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[11] -4 -4 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[12] -6 -6 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[13] -8 -8  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[14]$ -10 -10

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	~

-12

-12

Test Step 1.9 (Repeat Count = 1)	<b>✓</b>
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

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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	<b>✓</b>
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	<b>*</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53 53	53 53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]			-
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	53 53	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 1888		
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	1984		
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[11]	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 29		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13] 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 20		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	23		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14] 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	\(\sigma\)
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	384	384	<b>✓</b>
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	<b>~</b>
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 4	2	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	7		•
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	6	6	<b>✓</b>

tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[15]

CmMtrCurrTempOffset\_Scom\_Set

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**Actual Value Expected Value** tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[3] tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[4] 10 10 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[5] 12 12 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[6] 14 14 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[7] 16 16 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[8] 18 18 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[9] 20 20  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[10]$ 23 23 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[11] 25 25  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[12]$ 27 27 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[13] 29 29 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[14] 31 31 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[15] 33 33 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[0] -47 -47 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[1] -49 -49 -51 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[2] -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 12 12 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[9] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[10] 14 14 16 16 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[11] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[12] 18 18 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[13] 20 20  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[14]$ 23 23

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	~

25

25

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	

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CmMtrCurrTempOffset\_Scom\_Set

Chilwiti Curr remponset_Scom_Set		1	MACITAL
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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	736	736	_
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	832	832	<b>✓</b>
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[8]	928	928	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	1056	1056	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1152	1152	_
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	1248	1248	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1376	1376	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1472	1472	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	1568	1568	_
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	1760	1760	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
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	9
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	
tat Dim CurrTempOffeet CurrOffeetV2 Volte e4p11[5]	45	45	

T				V
Actual Function	Count	Expected Function	Count	Result
Pto Call Sa CmMtrCurr EOI CurrTempOffeet WriteBlock	1	Pto Call Sa CmMtrCurr EOI CurrTempOffset WriteBlack	1	

45

47

49

51

53

-2

-4

-6

-8

-10

-12

45

47

49 51

53

-2

-4

-6

-8

-10

-12

tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[5]

 $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[6]$ 

tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[7]

 $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[8]$ 

tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[9]

 $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[10]$ 

tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[11]

tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[12]

tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[13]

tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[14]

tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[15]



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] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1056 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 -16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-10		
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	

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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	<b>✓</b>
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	<b>✓</b>
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				<b>✓</b>
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	

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CmMtrCurrTempOffset\_Scom\_Set

Name				
Section   Sect	Name	Input Value		
Eg. Curt and Curt Curt Curt Curt Curt Curt Curt Curt	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-53		
St. CurtimpOfficial Curriffere(27 Volls 46)115    St. CurtimpOfficial Curriffere(27 Volls 46)15    St. Curriffere(27 Volls	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-53		
E.C. CurriersportColl Currierst 2, Velos   46   11   12   13   13   13   14   14   15   15   15   15   15   15	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-53		
B_C. CurriampORCial Currifere(2-Votes_46-119)   53     B_C. CurriampORCial Currifere(2-Votes_46-119)   54     B_C. CurriampORCial CurriampORCial CurriampORCial CurriampORCial CurriampORCial CurriampORCial CurriampORCial CurriampO	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-53		
B_CUTTPPOPOTEA CUTTPPOPOTEA C	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-53		
B_C. CurriampOlicia Curribert 2, Volta _ 4p1110   53     B_C. CurriampOlicia Curribert 2, Volta _ 4p1119   53     B_C. Curribert 2, Volta _ 4p1119   53   53   53     B_C. Curribert 2, Volta _ 4p1119   53   53   53     B_C. Curribert 2, Volta _ 4p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   53   53   53     B_C. Curribert 2, Volta _ 5p1119   5	tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-53		
Section   Sect	tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[6]	-53		
Section   Sect	tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[7]	-53		
Section   Sect		-53		
St. Curriempo(Clas Curriempo(Page 2, selectif(1))   -53     St.				
St. Currimpo/CRG				
St. Curriempo(Total Curriemp				
St. CurrTempOffice CurrOmPort 2, Votals, 46911113    Stp. CurrTempOffice CurrOmPort 2, Votals, 46911140    Stp. CurrTempOffice CurrOmPort 2, Votals, 46911140    Stp. CurrTempOffice CurrOmPort 2, Votals, 46911140    Stp. CurrTempOffice CurrOmPort 2, Votals, 46911150    Stp. CurrTempOffice CurrOmPort 2, Votals, 46911150    Stp. CurrTempOffice CurrOmPoffice CurrOmP				
Section   Sect				
St. Curr TempOffical Curr Office Y 2, Vots, 3-611115    Value   R. Jan, S. S. Omm Curr PempOffice   Vot Pemp Curr TempOffice				
Section   Sect				
Name				
Ig. Pm. Currt-mpOffset Qurrt-mpOffsetX, DegC, s10p5(1)   320   3			1	1
gl_Pm_CurTempOffset CurTempOffsetX_DepC_s10pS[2]   940   9			· ·	Result
Ig. Pin. CurrTempOffset CurrTempOffsetX, DegC_s10p5[2]   940   960   9	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	0	0	~
Inc.   Dec.   CurrempOffset CurrempOffsetX DegC   s10p5[4]   1600   16	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	320	320	~
Inc.   Description   Continue   Description   Descriptio	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	640	640	~
Inc.   Princ. CurrTempOffset. CurrTempOffset. DesC. s10ps[6]   1280	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	960	960	~
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p8[0]         1920         1920           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p8[7]         2240         2240           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p8[0]         2560         2560           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p8[0]         2880         2880           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p8[11]         3520         3020           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p8[12]         3840         3840           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p8[13]         4160         4160           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p8[13]         4160         4160           tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p8[13]         4480         4480           tgt_Pim_CurrTempOffset.CurrTempOffsetX_Pix_DegC_s10p8[13]         4480         4480           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11[0]         47         47           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11[2]         -51         -51           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11[3]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11[6]         6         6           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11[7]         8         8           tgt_Pim_CurrTempOffset.CurrOffsetY1_volts_s4p11[	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1600	1600	<b>✓</b>
Igt   Pim CurrTempOffset CurrTempOffsetX_DegC_st0p5[7]   2240   2240   Igt   Pim CurrTempOffset CurrTempOffsetX_DegC_st0p5[8]   2580	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1280	1280	•
tgl. Pim. CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]         2580         2580           tgl. Pim. CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]         2880         2880           tgl. Pim. CurrTempOffset.CurrTempOffsetX_DegC_s10p5[19]         3200         3200           tgl. Pim. CurrTempOffset.CurrTempOffsetX_DegC_s10p5[19]         3520         3520           tgl. Pim. CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]         4160         4160           tgl. Pim. CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]         4160         4160           tgl. Pim. CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]         4480         4480           tgl. Pim. CurrTempOffset.CurrDefSetX_DegC_s10p5[13]         4800         4800           tgl. Pim. CurrTempOffset.CurrDefSetX_1 Volts_s4p11[0]         47         47           tgl. Pim. CurrTempOffset.CurrDefSetX_1 Volts_s4p11[2]         -51         -51           tgl. Pim. CurrTempOffset.CurrDefSetX_1 Volts_s4p11[3]         -53         -53           tgl. Pim. CurrTempOffset.CurrDefSetX_1 Volts_s4p11[6]         4         4           tgl. Pim. CurrTempOffset.CurrDefSetX_1 Volts_s4p11[6]         4         4           tgl. Pim. CurrTempOffset.CurrDefSetX_1 Volts_s4p11[7]         8         8           tgl. Pim. CurrTempOffset.CurrDefSetX_1 Volts_s4p11[8]         10         10           tgl. Pim. CurrTempOffset.CurrDefS	tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1920	1920	~
gt   Pin CurTempOffset CurTempOffset X DegC = stop5 8    2560	tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[7]	2240	2240	-
Ig_Pim_CurrTempOffset CurrTempOffsetX_DegC_s10p5[9]   2880   2880   3200   32		2560	2560	-
tgl_Pim_CurrTempOffsetCurrTempOffsetX_DegC_s10p5[10]         3200         3200           tgl_Pim_CurrTempOffsetCurrTempOffsetX_DegC_s10p5[11]         3520         3520           tgl_Pim_CurrTempOffsetCurrTempOffsetX_DegC_s10p5[12]         3840         3840           tgl_Pim_CurrTempOffsetCurrTempOffsetX_DegC_s10p5[13]         4160         4160           tgl_Pim_CurrTempOffsetCurrTempOffsetX_DegC_s10p5[14]         4480         4480           tgl_Pim_CurrTempOffsetCurrOffsetY_Vols_s4p1[10]         47         47           tgl_Pim_CurrTempOffsetCurrOffsetY_Vols_s4p1[12]         49         49           tgl_Pim_CurrTempOffsetCurrOffsetY_Vols_s4p1[3]         53         53           tgl_Pim_CurrTempOffsetCurrOffsetY_Vols_s4p1[4]         2         2           tgl_Pim_CurrTempOffsetCurrOffsetY_Vols_s4p1[6]         4         4           tgl_Pim_CurrTempOffsetCurrOffsetY_Vols_s4p1[6]         6         6           tgl_Pim_CurrTempOffsetCurrOffsetY_Vols_s4p1[7]         8         8           tgl_Pim_CurrTempOffsetCurrOffsetY_Vols_s4p1[7]         10         10           tgl_Pim_CurrTempOffsetCurrOffsetY_Vols_s4p1[7]         12         12           tgl_Pim_CurrTempOffsetCurrOffsetY_Vols_s4p1[7]         14         14           tgl_Pim_CurrTempOffsetCurrOffsetY_Vols_s4p1[11]         16         16           tgl_Pim_Cu	tat Pim CurrTempOffset.CurrTempOffsetX DeaC s10p5[9]			<b>~</b>
		3200	3200	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]         3840         3840           tgt_Pim_CurrTempOffset.CurrEmpOffsetX_DegC_s10p5[13]         4160         4160           tgt_Pim_CurrTempOffset.CurrEmpOffsetX_DegC_s10p5[14]         4480         4480           tgt_Pim_CurrTempOffset.CurrOffsetY_Volts_s4p11[0]         47         47           tgt_Pim_CurrTempOffset.CurrOffsetY_Volts_s4p11[1]         49         49           tgt_Pim_CurrTempOffset.CurrOffsetY_Volts_s4p11[2]         -51         -51           tgt_Pim_CurrTempOffset.CurrOffsetY_Volts_s4p11[3]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY_Volts_s4p11[6]         2         2           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         4         4           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         6         6           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         10         10           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         10         10           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         12         12           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         14         14           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         12         12           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         14         14				<b>~</b>
gt Pim_CurrTempOffset CurrTempOffsetX_DegC_s10p5[13]				
tgt_Pim_CurrTempOffsetCurrTempOffsetX_DegC_s10p5[14]         4480         4480           tgt_Pim_CurrTempOffsetCurrTempOffsetX_DegC_s10p6[15]         4800         4800           tgt_Pim_CurrTempOffsetCurrOffsetY_Volts_s4p11[0]         47         47           tgt_Pim_CurrTempOffsetCurrOffsetY_Volts_s4p11[1]         49         49           tgt_Pim_CurrTempOffsetCurrOffsetY_Volts_s4p11[2]         -51         -51           tgt_Pim_CurrTempOffsetCurrOffsetY_Volts_s4p11[3]         -53         -53           tgt_Pim_CurrTempOffsetCurrOffsetY_Volts_s4p11[4]         2         2           tgt_Pim_CurrTempOffsetCurrOffsetY_Volts_s4p11[5]         4         4           tgt_Pim_CurrTempOffsetCurrOffsetY_Volts_s4p11[7]         8         8           tgt_Pim_CurrTempOffsetCurrOffsetY_Volts_s4p11[8]         10         10           tgt_Pim_CurrTempOffsetCurrOffsetY_Volts_s4p11[9]         12         12           tgt_Pim_CurrTempOffsetCurrOffsetY_Volts_s4p11[10]         14         14         14           tgt_Pim_CurrTempOffsetCurrOffsetY_Volts_s4p11[11]         16         16         18           tgt_Pim_CurrTempOffsetCurrOffsetY_Volts_s4p11[14]         23         23         23           tgt_Pim_CurrTempOffset CurrOffsetY_Volts_s4p11[14]         23         23         25           tgt_Pim_CurrTempOffset CurrOffsetY_Volts_s4p11[1]				
tgt Pim CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]				
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[0]         -47         -47           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[1]         -49         -49           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[2]         -51         -51           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[3]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[4]         2         2           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[5]         4         4           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[6]         6         6           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[7]         8         8           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[8]         10         10           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[10]         14         14           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[11]         16         16           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[12]         18         18           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[13]         20         20           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_sdp11[14]         23         23           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_sdp11[6]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_sdp11[6]         -53         -53				
Igt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]				
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]         -51         -51           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]         4         4           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         6         6           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]         10         10           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]         10         10           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[12]         18         18           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]         20         20           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[16]         25         25           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[16]         53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]         -53         -53				
Igt Pim CurrTempOffset CurrOffsetY1_Volts_s4p11[3]   -53   -53   -53       -53     -53       -53     -53       -53     -53       -53     -53       -53       -53       -53       -53       -53       -53       -53       -53       -53       -53       -53         -53       -53         -53       -53       -53         -53       -53         -53       -53         -53       -53         -53       -53         -53       -53         -53       -53         -53         -53       -53         -53       -53         -53         -53       -53         -53         -53       -53         -53         -53       -53         -53         -53       -53         -53         -53       -53         -53         -53       -53         -53         -53         -53         -53         -53         -53         -53       -53           -53           -53         -				
tgt Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]         2         2           tgt Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]         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[12]         18         18           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]         20         20           tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]         23         23           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]         25         25           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]         -53         -53           tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]         -53         -53				
Igt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]				
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[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[6]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8] <td< td=""><td></td><td></td><td></td><td></td></td<>				
Igt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]				
Igl_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]     10       Igt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]     12       Igt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]     14       Igt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]     16       Igt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]     18       Igt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]     20       Igt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]     23       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]     25       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]     -53       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]     -53       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]     -53       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]     -53       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]     -53       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]     -53       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]     -53       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]     -53       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]     -53       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]     -53       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]     -53       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]     -53       Igt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]     -53       Igt_Pim_CurrTe				
Institute				
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.CurrOffsetY2_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] </td <td></td> <td></td> <td></td> <td></td>				
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.CurrOffsetY2_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[6]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]       -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[9]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]<	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	12	12	-
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[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[6]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]       -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[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1				~
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[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11				~
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[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53				~
tgt Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]       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[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]			~
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[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	23	23	~
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[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	25	25	~
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[10]       -53       -53         tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]       -53       -53	tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-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[1]	-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[2]	-53	-53	<b>✓</b>
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[3]	-53	-53	<b>✓</b>
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[4]	-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[5]	-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[6]	-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				<b>✓</b>
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         v       -53       -53				
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10] -53 -53 -53 vtgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] -53 -53 -53				•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11] -53 -53				
GGG				-
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				
48.1 mil_odii 16miponioci.odii10lioci 12_volio_94p i [10]	191-1111_0un11ettipOiloet.outiOiloet12_v0its_54p11[10]	-55	-55	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	~



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

 $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[14]$ 

tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[15]

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**Actual Value Expected Value** tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[3] tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[4] tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[5] tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[6] tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[7] tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[8] tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[9]  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[10]$ tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[11]  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[12]$ tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[13] tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[14] tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[15] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[0] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[1] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[2]  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[3]$ tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[4]  $tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[5]$ tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[6] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[7] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[8] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[9] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[10] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[11] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[12] tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[13] 

T				<b>✓</b>
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)	<b>✓</b>
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

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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] 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	<b>✓</b>
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	<b>~</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1952	1952	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2272	2272	<b>Y</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2592 2912	2592 2912	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	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	<b>~</b>
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 49	47 49	· · · · · · · · · · · · · · · · · · ·
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7] 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	<del>-</del> -4	<b>✓</b>
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	<b>✓</b>
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	<b>Y</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10	10	•
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12 14	12 14	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6] 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	<b>✓</b>
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	<b>✓</b>
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	~



CmMtrCurrTempOffset\_Scom\_Set

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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	480	480	<b>✓</b>
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	
		1 11	
		-16	<b>-</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-16 -18	-16 -18	~

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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	<b>~</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-31	-31	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-33	-33	<b>~</b>
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	~

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	Rte Call Sa CmMtrCurr EOLCurrTempOffset WriteBlock	1	-

Name	Test Step 1.17 (Repeat Count = 1)	▼
Rte_Insl_Sa_CmMtrCurr   tgl_CurrTempOffical.CurrTempOffsetX_DegC_s10p5[0]   0   0   0   0   0   0   0   0   0		Input Value
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[6]         1152           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[8]         2432           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.CurrOffSetX_DegC_s10p5[14]         4352           tgt_CurrTempOffCal.CurrOffSetX_DegC_s10p5[15]         4672           tgt_CurrTempOffCal.CurrOffSetX_DegC_s10p5[15]         4672           tgt_CurrTempOffCal.CurrOffSetX_DegC_s10p5[16]         49           tgt_CurrTempOffCal.CurrOffSetX_DegC_s10p5[16]         49           tgt_CurrTe	CurrTempOffCal	tgt_CurrTempOffCal
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]         192           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]         512           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]         1152           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]         1472           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]         1792           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]         1792           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]         2432           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]         2432           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[13]         4332           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]         4352           tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0]         47           tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1]         49           tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[3]         -53           tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]         6           tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[7]         8           tgt_Cur	Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tg_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]         512           tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]         832           tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]         1152           tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]         1472           tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]         1792           tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]         2112           tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]         2432           tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]         2752           tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]         3072           tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]         3392           tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]         3712           tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]         4032           tgl_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]         4352           tgl_CurrTempOffCal.CurrOffsetX1_Volts_s4p11[0]         47           tgl_CurrTempOffCal.CurrOffsetX1_Volts_s4p11[1]         49           tgl_CurrTempOffCal.CurrOffsetX1_Volts_s4p11[3]         53           tgl_CurrTempOffCal.CurrOffsetX1_Volts_s4p11[4]         2           tgl_CurrTempOffCal.CurrOffsetX1_Volts_s4p11[6]         6           tgl_CurrTempOffCal.CurrOffsetX1_Volts_s4p11[6]         6           tgl_CurrTempOff	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	0
tg_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[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[3]         49           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]         53           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]         4           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]         6           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]         6           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]         6           tgt_CurrTempOffCal	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	192
tg_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]         1152           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]         1472           tg_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[2]         51           tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[4]         2           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[10]         14           tgt_CurrTempOffC	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	512
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]         1472           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]         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[11]         3072           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]         3712           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]         4032           tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]         4352           tgt_CurrTempOffCal.CurrDeffsetX_DegC_s10p5[15]         4672           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]         47           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]         -51           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]         -53           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]         6           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]         6           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]         10           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[19]         12           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]         14           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]         14           tgt_CurrTempOffCal.Cu	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	832
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[3]         -53           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]         4           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]         6           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[10]         14           tgt_CurrTempOffCa	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1152
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.CurrDefSetX_DegC_s10p5[15]         4672           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[0]         -47           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[6]         6           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[7]         8           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[8]         10           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[10]         14           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[10]         14           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[11]         16           tgt_CurrTempOffCal.CurrOf	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	1472
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[2]         -51           tgt_CurrTempOffCal.CurrOffSetY1_volts_s4p11[3]         -53           tgt_CurrTempOffCal.CurrOffSetY1_volts_s4p11[4]         2           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[10]         14           tgt_CurrTempOffCal.CurrOffSetY1_volts_s4p11[11]         16           tgt_CurrTempOffCal.CurrOff	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	1792
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.CurrOffsetY1_Volts_s4p11[0]         47           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]         49           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]         -53           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]         53           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]         4           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]         6           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]         10           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]         12           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[19]         12           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]         14           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]         14           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]         14           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]         14           tgt_CurrTempOffCal.CurrOffsetY1_V	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	2112
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.CurrOffSetY1_Volts_s4p11[0]         47           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[1]         49           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[3]         -51           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[4]         2           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[4]         2           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[6]         6           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[7]         8           tgt_CurrTempOffCal.CurrOffSetY1_Volts_s4p11[9]         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[11]         16           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]         18	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	2432
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.CurrOffsetY1_Volts_s4p11[0]         4672           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[6]         4           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]         6           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]         10           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[10]         14           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]         16           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]         16           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]         16           tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	2752
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[12]       3712         tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[13]       4032         tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[14]       4352         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[5]       2         tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6]       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[10]       14         tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[11]       16         tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[12]       18	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	3072
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[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[10]       14         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]       16         tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]       18	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	3392
tgt_CurrTempOffSelX_DegC_s10p5[14]	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	3712
tgt_CurrTempOffSal.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[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.CurrTempOffsetX_DegC_s10p5[13]	4032
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	4352
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[2] 18	tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4672
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[2] 18	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	-47
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[2] 18	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	-49
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[2] 18	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-51
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[3]	-53
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[4]	2
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[5]	4_
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[6]	6
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[7]	8
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[8]	10
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11] 16 tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] 18	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	12
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] 18	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	14
	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	16
tot GurrTempOffCal.CurrOffsetY1 Volts s4p11[13] 20	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[14]	23
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15] 25	tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	25

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Name	Input Value		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-14		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-18		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-20 -23		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-25 -27		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-27 -29		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-31		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-33		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]			
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-35 -37		
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]			
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	I=	1
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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3072	3072	-
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3392	3392	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3712	3712	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4032	4032	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	18	18	~
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	20	20	<b>✓</b>
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	<b>~</b>
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[2]	-18	-18	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20	-20	<b>✓</b>
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23	-23	-
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25	-25	<b>✓</b>
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	~
tgoun romponou.oun onacti z_voita_atp i [[10]			

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

CmMtrCurrTempOffset\_Scom\_Set

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CmMtrCurr\_Per3

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASECA\_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= -DMTRCURRPHASECA -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\\$(PROJECTROOT)\CmMtrCurr\include -I\\$(PROJECTROOT)\NxtrLib\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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Spe	ecification
Name	Text



Module 'CmMtrCurr MTRCURRPHASECA ON 

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

Code File(s) Version:2
Module Design Document: CmMtrCurr\_MDD.docx
Module Design Document Version:2
Data Dictionary Version:2
Unit Test Plan Version:2
Optimization Level: Level 2
Compiler (CodeGen) Version:TMS470\_4.9.5
Model Type: Excel Macro
Model Version: Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32
Total FLASH Used (Bytes):3176
Total RAM Used (Bytes):130
Total CALS Used (Bytes):46
Special Test Requirements:NA
Test Date: 7/23/2016

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

Note2:- ""CBD\_Sandbox\_dbg.map"" map file is embedded for reference.

Note3:-In function ""CmMtrCurr\_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :-MtrCurr2SumHi\_Volt\_M\_f32 , VecuSum\_Volt\_M\_f32 , MtrCurr1SumLo\_Volt\_M\_f32, MtrCurr2SumLo\_Volt\_M\_f32, MtrCurr1SumZero\_Volt\_M\_f32,MtrCurr2SumZero\_Volt\_M\_f32, CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16 .

Note4:-In function CurrDQPer1(), variables 'MtrCurrK1\_Amps\_f32' and 'MtrCurrK2\_Amps\_f32' are going to very large values."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_Ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



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

Specification

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

TC1.1 1141.00 Cycles TC1.2 1406.00 Cycles

#### Description

#### VECTOR DESCRIPTION:

TS1.1 Shortest Execution Path==> ( CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc == TRUE ) = False
TS1.2 "Longest Execution Path==> ( CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc == TRUE ) = True;
(Abs\_f32\_m(MtrVel\_MtrRadpS\_T\_f32) < k\_MaxCurrOffMtrVel\_RadpS\_f32) = True && (VehSpd\_Kph\_T\_f32 < FLT\_EPSILON) = True &&
(VhSpdValid\_Cnt\_T\_lgc == TRUE) = True;
switch(CmMtrCurr\_CurrOffState\_Uls\_M\_enum) = CURROFF\_CALC;
(CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 >= k\_MtrCurrEOLMinOffset\_Volts\_f32) = True &&
(CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 <= k\_MtrCurrEOLMaxOffset\_Volts\_f32) = True &&
(CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 >= k\_MtrCurrEOLMaxOffset\_Volts\_f32) = True &&
(CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 <= k\_MtrCurrEOLMaxOffset\_Volts\_f32) = True &&
(CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32 >= k\_MtrCurrEOLMaxOffset\_Volts\_f32) = True &&
(CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32 <= k\_MtrCurrEOLMaxOffset\_Volts\_f32) = True &&
(CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32 <= k\_MtrCurrEOLMaxOffset\_Volts\_f32) = True &&
(CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32 <= k\_MtrCurrEOLMinOffset\_Volts\_f32) = True &&
(CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32 <= k\_MtrCurrEOLMaxOffset\_Volts\_f32) = True &&
(CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f3

Test Step 1.1 (Repeat Count = 1) Name	Input Value		
	5		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE 0		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc			
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_ADCMtrCurr	r1 Volts f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset		
		_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF	· <del>-</del>	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_t		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid	_Unt_igc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu

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	<b>~</b>

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CmMtrCurr\_Per3

Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.09357047	2.09357047 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.0530895	1.0530895 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.72687054	2.72687054 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.30570102	1.30570102 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.1556983	1.1556983 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.97496986	2.97496986 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.12170625	2.12170625 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31777.1211	31777.1211 ± 0.001	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.66544139	1.66544139 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.41828871	1.41828871 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.1423645	2.1423645 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.47283912	1.47283912 ± 0.0003	<b>✓</b>

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)			<b>✓</b>
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 2.04112172		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 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	1 Volto (22	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	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	<b>✓</b>
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	<b>V</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2	2 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.04112172	2.04112172 ± 0.0003	<b>Y</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.83894515	2.83894515 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr MtrCurrValCmd VoltCnt M f32	1.99014759 23218.2402	1.99014759 ± 0.0003 23218.2402 ± 0.001	
CmMtrCurr VecuSum Volt M f32	18.0116081	23218.2402 ± 0.001 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	~

CmMtrCurr\_Per3

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Test Case 2: Range Test

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CmMtrCurr\_Per3



Specification

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

CPU Cycles:

1141 Cycles 1147 Cycles 1272 Cycles 1214 Cycles 1214 Cycles TC2.1 TC2.2 TC2.3 TC2.5 TC2.4 1188 Cycles 1188 Cycles 1188 Cycles 1188 Cycles TC2.6 TC2.7 TC2.8 TC2.9 1188 1188 1133 Cycles Cycles TC2.10 TC2.11 TC2.12 Cycles 1133 Cycles 1133 Cycles 1133 Cycles 1133 Cycles TC2.13 TC2.15 TC2.16 TC2.17 1133 Cycles TC2.18 TC2.19 TC2.20 1133 Cycles 1133 Cycles 1133 Cycles 1133 Cycles 1133 Cycles 1071 Cycles 1133 Cycles TC2.21 TC2.22 TC2.23 TC2.24 1071 Cycles 1071 Cycles 1133 Cycles TC2.25 TC2.26 TC2.27 1133 TC2.28 TC2.29 Cycles 1133 Cycles TC2.30 TC2.31 TC2.32 1133 Cycles 1133 Cycles 1133 Cycles TC2.33 TC2.34 TC2.35 TC2.36 1261 Cycles 1231 Cycles 1168 Cycles 1175 Cycles TC2.36 TC2.37 TC2.38 TC2.39 TC2.40 TC2.41 TC2.42 1175 1168 1168 1168 Cycles Cycles Cycles Cycles 1168 Cycles 1168 1168 1168 Cycles 1168 Cycles 1168 Cycles 1168 Cycles TC2.44 TC2.45 TC2.45 TC2.46 TC2.47 TC2.48 TC2.49 TC2.50 TC2.51 1168 Cycles 1168 Cycles 1175 Cycles 1175 Cycles 1175 Cycles 1175 Cycles 1175 Cycles TC2.53 TC2.54 TC2.55 1175 Cycles 1175 Cycles 1175 Cycles 1175 Cycles TC2.56 TC2.57 TC2.58 TC2.59 1194 Cycles 1194 1194 1194 Cycles Cycles Cycles TC2.60 TC2.61 TC2.62 TC2.63 1194 Cycles Cycles Cycles 1194 1249 Cycles 1195 Cycles TC2.64 TC2.65 TC2.66 TC2.67 1195 Cycles 1195 Cycles 1195 Cycles 1195 Cycles 1195 Cycles 1177 Cycles TC2.68 TC2.68 TC2.69 TC2.70 TC2.71 TC2.72 TC2.73 TC2.74 TC2.75 1195 Cycles 1284 Cycles 1307 Cycles 1238 Cycles 1214 1314 1233 1157 Cycles Cycles TC2.77 TC2.78 TC2.79 1175 Cycles 1175 Cycles 1157 Cycles TC2.80 TC2.81 TC2.82 TC2.83 1782 Cycles 1801 Cycles 1785 Cycles 1093 Cycles TC2.84 TC2.85 TC2.86 1093 Cycles 1093 Cycles 1031 Cycles TC2.87 TC2.88 1031 1031 Cycles 1031 Cycles 1031 1093 Cycles Cycles TC2.91 TC2.92 TC2.93 TC2.94 TC2.95 1031 Cycles 1093 Cycles 1093 Cycles 1031 Cycles 1093 Cycles TC2.96 TC2.97 TC2.98 1093 Cycles 1031 Cycles 1148 Cycles 1148 Cycles TC2.99 TC2.100 TC2.101 TC2.102 1148 Cycles 1307 Cycles 1307 Cycles TC2.103 1283 Cycles TC2 104 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 TS2.14Mit/vel\_MtrRadpS\_f32==>Zero TS2.15Mtr/vel\_MtrRadpS\_f32==>Neg TS2.17VehSpd\_Kph\_f32==>Min TS2.18VehSpd\_Kph\_f32==>Max TS2.19VehSpd\_Kph\_f32==>Pos TS2.20VhSpdValid\_Cnt\_lgc==>Min TS2.21VhSpdValid\_Cnt\_lgc==>Max TS2.22CurroffProcessFlag\_M\_enum==>CURROFF\_INIT
TS2.23CurroffProcessFlag\_M\_enum==>CURROFF\_FAIL
TS2.24CurroffProcessFlag\_M\_enum==>CURROFF\_PROCESSING IS2.24CurroffProcessFlag\_M\_enum==>CURROFF\_PROC TS2.25CurroffProcessFlag\_M\_enum==>CURROFF\_PASS TS2.26CurrOffTrimFlag\_M\_lgc==>Min TS2.27CurrOffTrimFlag\_M\_lgc==>Max TS2.28k\_MaxCurrOffMtrVel\_RadpS\_f32==>Min TS2.29k\_MaxCurrOffMtrVel\_RadpS\_f32==>Pos TS2.30k\_MaxCurrOffMtrVel\_RadpS\_f32==>Pos TS2.31k\_MaxCurrOffMtrVel\_RadpS\_f32==>Zero TS2.31k\_MaxCurrOffMtrVel\_RadpS\_f32==>Neg
TS2.32k\_MaxCurrOffMtrVel\_RadpS\_f32==>Default
TS2.34CurrOffState\_ULS\_M\_enum==>CURROFF\_INTIALISE
TS2.34CurrOffState\_ULS\_M\_enum==>CURROFF\_CALC
TS2.36CurrOffState\_ULS\_M\_enum==>CURROFF\_HIAVERAGE
TS2.37CurrOffState\_ULS\_M\_enum==>CURROFF\_LOAVERAGE TS2.38CurrOffState\_ULS\_M\_enum==>CURROFF\_ZEROAVERAGE TS2.39MtrCurr1SumHi\_Volt\_M\_f32==>Min TS2.40MtrCurr1SumHi\_Volt\_M\_f32==>Max TS2.41MtrCurr1SumHi\_Volt\_M\_f32==>Pos TS2.42MtrCurr2SumHi\_Volt\_M\_f32==>Min TS2.43MtrCurr2SumHi\_Volt\_M\_f32==>Max TS2.44MtrCurr2SumHi\_Volt\_M\_f32==>Pos TS2.45VecuSum\_Volt\_M\_f32==>Min TS2.46VecuSum\_Volt\_M\_f32==>Max TS2.47VecuSum\_Volt\_M\_f32==>Pos TS2.48CurrOffAvgCounter\_Cnt\_M\_u16==>Min TS2.49CurrOffAvgCounter\_Cnt\_M\_u16==>Max TS2.50CurrOffAvgCounter\_Cnt\_M\_u16==>Max
TS2.50CurrOffAvgCounter\_Cnt\_M\_u16==>Pos
TS2.51MtrCurr1SumLo\_Volt\_M\_f32==>Min
TS2.52MtrCurr1SumLo\_Volt\_M\_f32==>Max
TS2.53MtrCurr1SumLo\_Volt\_M\_f32==>Pos TS2.54MtrCurr2SumLo\_Volt\_M\_f32==>Min TS2.55MtrCurr2SumLo\_Volt\_M\_f32==>Max TS2.56MtrCurr2SumLo\_Volt\_M\_f32==>Pos TS2.57MtrCurr1SumZero\_Volt\_M\_f32==>Min TS2.58MtrCurr1SumZero\_Volt\_M\_f32==>Max TS2.59MtrCurr1SumZero\_Volt\_M\_f32==>Pos TS2.60MtrCurr2SumZero\_Volt\_M\_f32==>Min TS2.61MtrCurr2SumZero\_Volt\_M\_f32==>Max TS2.62MtrCurr2SumZero\_Volt\_M\_f32==>Pos TS2.63k\_MtrCurrEOLMinOffset\_Volts\_f32==>Min TS2.64k\_MtrCurrEOLMinOffset\_Volts\_f32==>Max TS2.65k\_MtrCurrEOLMinOffset\_Volts\_f32==>Pos/Default TS2.66k\_MtrCurrEOLMaxOffset\_Volts\_f32==>Min TS2.67k\_MtrCurrEOLMaxOffset\_Volts\_f32==>Max TS2.68k\_MtrCurrEOLMaxOffset\_Volts\_f32==>Pos/Default TS2.69MtrCurr1OffsetLo\_Volts\_M\_f32==>Min TS2.70MtrCurr1OffsetLo\_Volts\_M\_f32==>Max TS2.71MtrCurr1OffsetLo\_Volts\_M\_f32==>Pos TS2.72MtrCurr2OffsetLo\_Volts\_M\_f32==>Min TS2.73MtrCurr2OffsetLo\_Volts\_M\_f32==>Max TS2.74MtrCurr2OffsetLo\_Volts\_M\_f32==>Pos TS2.75MtrCurr1OffsetHi\_Volts\_M\_f32==>Min TS2.76MtrCurr1OffsetHi\_Volts\_M\_f32==>Max
TS2.77MtrCurr1OffsetHi\_Volts\_M\_f32==>Pos
TS2.78MtrCurr2OffsetHi\_Volts\_M\_f32==>Min TS2.78MtrCurr2OffsetHi\_Volts\_M\_f32==>Min
TS2.79MtrCurr2OffsetHi\_Volts\_M\_f32==>Max
TS2.80MtrCurr2OffsetHi\_Volts\_M\_f32==>Pos
TS2.81MtrCurrValCmd\_VoltCnts\_M\_f32==>Min
TS2.82MtrCurrValCmd\_VoltCnts\_M\_f32==>Max
TS2.83MtrCurrValCmd\_VoltCnts\_M\_f32==>Pos
TS2.84Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Min
TS2.85Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Max
TS2.86Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Max
TS2.86Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Pos
TS2.87Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32==>Min
TS2.88Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32==>Max
TS2.89Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32==>Pos TS2.89Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32==>Pos TS2.90Rte\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32==>Min TS2.91Rte\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32==>Max TS2.92Rte Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32==>Pos TS2.93Rte Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32==>Min TS2.94Rte\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32==>Max

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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)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	0		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	0		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	0		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	0		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	0		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	0		
CmMtrCurr_VecuSum_Volt_M_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	1		
k_MaxCurrOffMtrVel_RadpS_f32	-20		
k_MtrCurrEOLMaxOffset_Volts_f32	1		
k_MtrCurrEOLMinOffset_Volts_f32	1		
k_MtrCurrOffLoComOff_Cnt_u16	500		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-1118		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	5		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	0		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u	116	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS	5_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_	lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul

g_ne_mor_ou_onnuroun: ini_onounou	ig_i iii_ciicuiicui			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	~	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~	
CmMtrCurr_CurroffProcessFlag_M_enum	0	0	<b>✓</b>	
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	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0	0 ± 0.0003	~	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0	0 ± 0.0003	<b>✓</b>	
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	~	

CmMtrCurr\_Per3



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	~

Т						
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	<b>✓</b>		

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	Course Valta 522	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_ComOf tgt_CmMtrCurr_Per3_MtrVel_		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt CmMtrCurr Per3_WitrVer_		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt CmMtrCurr Per3_Vecu_V	_	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt_CrillvitiCurr_Per3_VeriSpd	<del>- · -</del>	
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt_CinivitiCun_Fei3_ViiSpu	valia_Grit_igo	
Name	Actual Value	Expected Value	Result
		· ·	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	10000	10000 ± 1	~

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	10000	10000 ± 1	<b>✓</b>
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	5	5 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	5	5 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	5	5 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	50000	50000 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	50000	50000 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	50000	50000 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	5	5 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	5	5 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	5	5 ± 0.0003	<b>✓</b>

CmMtrCurr\_Per3





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	50000	50000 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	50000	50000 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	50000	50000 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	80000	80000 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1984	1984 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
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	~

Т				
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	<b>✓</b>

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_ADCMtrCu	rr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu	rr2_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_Mtr	RadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_K	ph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	d_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvaCounter Cnt M u16	2	2+1	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2	2 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.77936649	2.77936649 ± 0.0003	<b>~</b>
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	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	88.1449966	88.1449966 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	24410.7969	24410.7969 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	270.146179	270.146179 ± 0.0009765625	<b>✓</b>
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	~

Т				
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	<b>✓</b>

Test Step 2.4 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2	
CmMtrCurr CurrOffState UIs M enum	CURROFF ZEROAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr CurroffProcessFlag M enum	3	
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3.32500005	
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.46805692	
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.46805692	
CmMtrCurr MtrCurr1SumHi Volt M f32	21.3649998	
CmMtrCurr MtrCurr1SumLo Volt M f32	99.2750015	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	15487.3604	
CmMtrCurr MtrCurr2OffsetHi Volt M f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.3657999	
CmMtrCurr MtrCurr2OffsetZero Volt M f32	3.75889993	
CmMtrCurr MtrCurr2SumHi Volt M f32	2.35386825	
CmMtrCurr MtrCurr2SumLo Volt M f32	166.054993	
CmMtrCurr MtrCurr2SumZero Volt M f32	99.2750015	
CmMtrCurr MtrCurrValCmd VoltCnt M f32	27914.8262	
CmMtrCurr VecuSum Volt M f32	255.095001	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k CurrOffNoofAvg Cnt u16	2	
k_MaxCurrOffMtrVel_RadpS_f32	15	
k MtrCurrEOLMaxOffset Volts f32	1.39142871	
k MtrCurrEOLMinOffset Volts f32	2.28647137	
k MtrCurrOffLoComOff Cnt u16	600	
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3	
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.09178734	
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	14	
tgt CmMtrCurr Per3 Vecu Volt f32.value	6.35709572	
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.82093007e-008	
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1	
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	37732.9023	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.63156509	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.93776929	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.30192566	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	
Name	Actual Value Expected Value Ro	esult
CmMtrCurr CurrOffAvgCounter Cnt M u16	3 3±1	~





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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.46805692	2.46805692 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	21.3649998	21.3649998 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	99.2750015	99.2750015 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	15490.3604	15490.3604 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.3657999	4.3657999 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.35386825	2.35386825 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	166.054993	166.054993 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	100.366791	100.366791 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27914.8262	27914.8262 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	255.095001	255.095001 ± 0.0009765625	<b>✓</b>
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	<b>✓</b>

Τ				<b>✓</b>
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	<b>✓</b>

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
CurrOffNoofAvg Cnt u16	3
MaxCurrOffMtrVel RadpS f32	12.5231485
MtrCurrEOLMaxOffset Volts f32	1.09347951
MtrCurrEOLMinOffset Volts f32	1.74270165
MtrCurrOffLoComOff Cnt u16	650
gt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.5
gt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	3
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	12
gt CmMtrCurr Per3 Vecu Volt f32.value	18.9864292
gt CmMtrCurr Per3 VehSpd Kph f32.value	1.72093007e-008
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0
gt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	56567.5313
gt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.91152203
gt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	3
gt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3
gt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.30852175
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt CmMtrCurr Per3 MtrVel 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_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3	3 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06732988	2.06732988 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.06732988	2.06732988 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	32.4949989	32.4949989 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	110.404999	110.404999 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	177.184998	177.184998 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	110.404999	110.404999 ± 0.0003	<b>✓</b>
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	<b>V</b>

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.6 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	2
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.98569989
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.58597875
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.58597875
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	43.625
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	121.535004
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	21369.5801
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.58820009
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.14592612
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	188.315002
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	121.535004
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	54861.9258
CmMtrCurr_VecuSum_Volt_M_f32	277.355011
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	4
k_MaxCurrOffMtrVel_RadpS_f32	11
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	3
k_MtrCurrOffLoComOff_Cnt_u16	700
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.15824986
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	10
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	25.4397964
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.62093006e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	76407.3672
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.79925156
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.44109416

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32





Name	Input Value			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.25900912			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_	_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cr	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	dpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_C	Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	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	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.58597875	2.58597875 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.58597875	2.58597875 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	44.7832489	44.7832489 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	121.535004	121.535004 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	<b>✓</b>	
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	<b>✓</b>	
CmMtrCurr_VecuSum_Volt_M_f32	302.7948	302.7948 ± 0.0009765625	<b>✓</b>	
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	76407.3672	76407.3672 ± 0.004	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.79925156	2.79925156 ± 0.0003	✓	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.44109416	2.44109416 ± 0.0003	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	✓	

T				<b>✓</b>
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	<b>✓</b>

2.25900912

2.25900912 ± 0.0003

Test Step 2.7 (Repeat Count = 1)	· Control of the cont
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

CmMtrCurr\_Per3



Name	Input Value		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	26.6180859		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.52093005e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	42859.8672		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.67476642		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr	Curr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr	Curr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOff	set_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_	MtrRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_V	olt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd	_Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdV	/alid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Namo	Actual Value	Expected Value	Pocult

tgt_Rte_inst_sa_cmixtrcurr.Plm_shcurrear	tgt_Pilli_SilCultCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6	6 ± 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	1.93872654	1.93872654 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	55.9627914	55.9627914 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	12546.25	12546.25 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.74477029	1.74477029 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.69939995	4.69939995 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	6	6 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	199.445007	199.445007 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	132.664993	132.664993 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	42270.7656	42270.7656 ± 0.001	<b>~</b>
CmMtrCurr_VecuSum_Volt_M_f32	315.103058	315.103088 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	42859.8672	42859.8672 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.67476642	1.67476642 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.8 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.69017243	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.94488144	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.94488144	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	65.8850021	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	15487.3604	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	27251.8008	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.23310089	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.8105998	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.0999999	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.77322626	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	210.574997	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	143.794998	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	68027.5	
CmMtrCurr_VecuSum_Volt_M_f32	299.61499	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrOffNoofAvg_Cnt_u16	10	
k_MaxCurrOffMtrVel_RadpS_f32	17	

CmMtrCurr\_Per3

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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 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 1.42093004e-008  $tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32.value$ tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc.value  $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 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 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16$ tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32$ tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc$ tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc tot Dte Inet Sa CmMtrCurr Dim ShCurrCal

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	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.69017243	2.69017243 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.94488144	2.94488144 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.94488144	2.94488144 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	68.8850021	68.8850021 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.23310089	2.23310089 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.8105998	4.8105998 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	4.27322626	4.27322626 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	210.574997	210.574997 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	143.794998	143.794998 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	68027.5	68027.5 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	313.395538	313.395538 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	20585.7949	20585.7949 ± 0.004	<b>✓</b>
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	<b>✓</b>

Τ				<b>✓</b>
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	<b>✓</b>

Test Step 2.9 (Repeat Count = 1)		<b>✓</b>
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	

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CmMtrCurr\_Per3

Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	41807.7383		
CmMtrCurr_VecuSum_Volt_M_f32	310.744995		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	15		
k_MaxCurrOffMtrVel_RadpS_f32	17.6823654		
k_MtrCurrEOLMaxOffset_Volts_f32	2.54037666		
k_MtrCurrEOLMinOffset_Volts_f32	2.20696926		
k_MtrCurrOffLoComOff_Cnt_u16	850		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.0560705662		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.02651572		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	17		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	5		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	31152.4238		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.01032639		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.75043988		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.13556504		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	!	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result

tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_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	<b>✓</b>	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>	
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>~</b>	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.3003974	2.3003974 ± 0.0003	<b>✓</b>	
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	<b>✓</b>	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	<b>~</b>	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91343355	1.91343355 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.92180014	4.92180014 ± 0.0003	~	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.85326481	2.85326457 ± 0.0003	✓	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	221.705002	221.705002 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	41807.7383	41807.7383 ± 0.001	<b>~</b>	
CmMtrCurr_VecuSum_Volt_M_f32	315.744995	315.744995 ± 0.0009765625	<b>✓</b>	
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	31152.4238	31152.4238 ± 0.004	~	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.01032639	1.01032639 ± 0.0003	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.75043988	2.75043988 ± 0.0003	<b>✓</b>	
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	<b>✓</b>		

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	

tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32

tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc

CmMtrCurr\_Per3

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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  $tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32.value$ 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 tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32 3217.23193  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 3 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$ 2.22488117  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32$ tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt CmMtrCurr Per3 ComOffset Cnt u16 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32

.aa	13		
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	<b>~</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	232.835007	232.835007 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	166.054993	166.054993 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	2316.12231	2316.12231 ± 0.001	<b>✓</b>
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	~

tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt CmMtrCurr Per3 VhSpdValid Cnt lgc

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.11 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	9
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1

CmMtrCurr\_Per3

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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		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_	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	<b>✓</b>
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	<b>→</b>
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	4.400001	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 0000765625	-

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

348.505005

10727.9072

2.96896577

1.0980438

1.91172564

4000

CmMtrCurr\_VecuSum\_Volt\_M\_f32

tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value

 $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$ 

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32

348.505005 ± 0.0009765625

10727.9072 ± 0.004

2.96896577 ± 0.0003

1.0980438 ± 0.0003

1.91172564 ± 0.0003

4000 ± 1

3 ± 0.0003





Test Step 2.12 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	10		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.79951966		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.13700366		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.13700366		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	110.404999		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	39016.2383		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.41001582		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.16096163		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.5		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr MtrCurr2SumLo Volt M f32	15487.3604		
CmMtrCurr MtrCurr2SumZero Volt M f32	12546.25		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33128.5508		
CmMtrCurr_VecuSum_Volt_M_f32	344.13501		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	30		
k_MaxCurrOffMtrVel_RadpS_f32	-19.2097321		
k_MtrCurrEOLMaxOffset_Volts_f32	2.43225884		
k_MtrCurrEOLMinOffset_Volts_f32	2.51006746		
k_MtrCurrOffLoComOff_Cnt_u16	1000		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.8361516		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.29087067		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-1118		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	29.4384918		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.02093001e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	12078.0166		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.53875852		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33318686		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.6578269	Valta f22	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1 tgt_CmMtrCurr_Per3_ADCMtrCurr2		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset C		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3:		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	10	10 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.79951966	1.79951966 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	110.404999	110.404999 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.41001582	2.41001582 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.16096163	2.16096163 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.5	4.5 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	3 ± 0.0003	<b>*</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	· ·
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	12546.25 33128.5508	12546.25 ± 0.0003	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr VecuSum Volt M f32	33128.5508 344.13501	33128.5508 ± 0.001 344.13501 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	12078.0166	12078.0166 ± 0.004	-
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3	3 ± 0.0003	
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	1.53875852	1.53875852 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.33318686	2.33318686 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.6578269	2.6578269 ± 0.0003	•
tgt_f iii_oilodii.EOElvitiOdii2Oil3CtDiii Voit3 132			



T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

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 Igc	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		
C_CurrOffNoofAvg_Cnt_u16	35 6.92200041		
C_MaxCurrOffMtrVel_RadpS_f32			
MtrCurrEOLMaxOffset_Volts_f32	3		
MtrCurrEOLMinOffset_Volts_f32	3		
x_MtrCurrOffLoComOff_Cnt_u16	1050		
gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.181411028		
gt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	1118		
gt_CmMtrCurr_Per3_Vecu_Volt_f32.value	28.6460514		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	35.6961212		
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	71382.9688		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.16483665		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.15002513		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.73837662		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	_	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_Mtrf		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
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	
		3 ± 0.0003	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.5		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr MtrCurr2SumLo Volt M f32	3 18428.4707	18428.4707 ± 0.0003	

15487.3604

39491.5234

355.265015

 $tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value$ 

CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32

 $CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32$ 

CmMtrCurr\_VecuSum\_Volt\_M\_f32

15487.3604 ± 0.0003

355.265015 ± 0.0009765625

39491.5234 ± 0.001

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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.15002513	2.15002513 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.73837662	2.73837662 ± 0.0003	<b>✓</b>

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>✓</b>

Test Step 2.14 (Repeat Count = 1)			<b>✓</b>
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_ADCM	rCurr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCM	rCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOt	fset_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_	_MtrRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_V	/olt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSp	d_Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpd	Valid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	12	12 ± 1	•

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	12	12 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.98539996	3.98539996 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	132.664993	132.664993 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.52430105	2.52430105 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.2650001	3.2650001 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	<b>✓</b>





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	18406.1914	18406.1914 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.08178854	2.08178854 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.59187484	1.59187484 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Τ				
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	<b>✓</b>

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_ADCMtrCurr	r1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	r2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF	RadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_t	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvaCounter Cnt M u16	12	12 + 1	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	13	13 ± 1	✓
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	✓

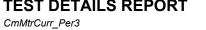




Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	143.794998	143.794998 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.94962287	2.94962287 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.73390043	1.73390043 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.80000019	4.80000019 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.62268472	1.62268472 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.54585195	2.54585195 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.38396788	2.38396788 ± 0.0003	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.16 (Repeat Count = 1)			
	Immut Value		
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	CURROFF HIAVERAGE		
CmMtrCurr_CurrOffState_Uls_M_enum	-		
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_ADCMtrCu	urr1 Volts f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCu		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffse		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel Mt		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt	· <del>-</del>	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt CmMtrCurr Per3 VehSpd h	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdVal	· <del>-</del>	
		a_onc_igo	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	F	
Name	Actual Value	Expected Value	Resul
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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	154.925003	154.925003 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.03602362	2.03602362 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.98749995	3.98749995 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.92550302	2.92550302 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.3337326	1.3337326 ± 0.0003	<b>✓</b>
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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	-

Test Step 2.17 (Repeat Count = 1)	<b>→</b>
Name	Input Value
CmMtrCurr CurrOffAvgCounter Cnt M u16	15
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1
CmMtrCurr CurroffProcessFlag M enum	0
CmMtrCurr MtrCurr1OffsetHi Volt M f32	2.40540409
CmMtrCurr MtrCurr1OffsetLo Volt M f32	3.32500005
CmMtrCurr MtrCurr1OffsetZero Volt M f32	3.32500005
CmMtrCurr MtrCurr1SumHi Volt M f32	166,054993
CmMtrCurr MtrCurr1SumLo Volt M f32	41957,3516
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	166.054993
CmMtrCurr MtrCurr2OffsetHi Volt M f32	2.75222397
CmMtrCurr MtrCurr2OffsetLo Volt M f32	1,9196099
CmMtrCurr MtrCurr2OffsetZero Volt M f32	1.38621521
CmMtrCurr MtrCurr2SumHi Volt M f32	2.40841341
CmMtrCurr MtrCurr2SumLo Volt M f32	30192.9102
CmMtrCurr MtrCurr2SumZero Volt M f32	27251.8008
CmMtrCurr MtrCurrValCmd VoltCnt M f32	20083.1113
CmMtrCurr VecuSum Volt M f32	399.785004
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k CurrOffNoofAvg Cnt u16	55
k MaxCurrOffMtrVel RadpS f32	0.204714358
k MtrCurrEOLMaxOffset Volts f32	2.71582174
k MtrCurrEOLMinOffset Volts f32	2.60700464
k MtrCurrOffLoComOff Cnt u16	1250
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	1,49414468
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	1.01840758
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-616.203186
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	26.5270271
tgt CmMtrCurr Per3 VehSpd Kph f32.value	0
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	0
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	55094.5625
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.94090986
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.16279387
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32
	[3_2





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.18 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	16
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	2
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06366134
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.06366134
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	12546.25
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	44898.4609
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	177.184998
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.44942665
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.3681531
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.37339675
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	30192.9102
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	32372.3828
CmMtrCurr_VecuSum_Volt_M_f32	410.915009
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	60
k_MaxCurrOffMtrVel_RadpS_f32	16.9027214
k_MtrCurrEOLMaxOffset_Volts_f32	1.87792957
k_MtrCurrEOLMinOffset_Volts_f32	2.25015759
k_MtrCurrOffLoComOff_Cnt_u16	1300
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.36242628
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-103.677658
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	23.799696
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	255
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	33462.3984
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.43301225
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.2017374

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ 





Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.4267602		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.13100731		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF	RadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	16	16 ± 1	-
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	-
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>-</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	-
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	<b>-</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.06366134	2.06366134 ± 0.0003	<b>-</b>
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	<b>-</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.3681531	2.3681531 ± 0.0003	<b>-</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.37339675	1.37339675 ± 0.0003	<b>-</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	<b>-</b>
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	•

T				<b>✓</b>
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	<b>✓</b>

1.43301225

2.2017374

1.4267602

1.13100731

1.43301225 ± 0.0003

2.2017374 ± 0.0003

1.4267602 ± 0.0003

1.13100731 ± 0.0003

Test Step 2.19 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	17
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	2
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.52099991
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98569989
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98569989
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15487.3604
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	47839.5703
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	188.315002
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.18046904
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.66692173
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.1426152
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.4738692
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	33134.0195
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25421.9316
CmMtrCurr_VecuSum_Volt_M_f32	422.045013
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	65
k_MaxCurrOffMtrVel_RadpS_f32	-13.0541534
k_MtrCurrEOLMaxOffset_Volts_f32	1.67999744
k_MtrCurrEOLMinOffset_Volts_f32	2.30098414
k_MtrCurrOffLoComOff_Cnt_u16	1350
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.179735422
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-677.520386

CmMtrCurr\_Per3



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_5a_Critwit/Curr.Critwit/Curr_Pers_vri5pdvalid_Crit_igc	igi_CiffivitiCuff_Pers_vffSpavalid	I_Crit_igc	
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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	188.315002	188.315002 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.18046904	2.18046904 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.66692173	1.66692173 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.1426152	1.1426152 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.4738692	1.4738692 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25421.9316	25421.9316 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	422.045013	422.045013 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	53783.1406	53783.1406 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19870925	1.19870925 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.58489704	2.58489704 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.38878167	1.38878167 ± 0.0003	<b>✓</b>

Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.20 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	18
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.0999999
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.93872654
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.93872654
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	18428.4707
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.82349932
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	199.445007
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.71042848
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.90609932
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	39016.2383
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	36075.1289
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31522.125
CmMtrCurr_VecuSum_Volt_M_f32	433.174988
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	70
k_MaxCurrOffMtrVel_RadpS_f32	13.8425341

CmMtrCurr\_Per3



Name	Input Value		
k_MtrCurrEOLMaxOffset_Volts_f32	2.7211206		
k_MtrCurrEOLMinOffset_Volts_f32	2.02014756		
k_MtrCurrOffLoComOff_Cnt_u16	1400		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.224947453		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.9297123		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	396.243774		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	5.44003773		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	126.843292		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	1546.61206		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69203067		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.44071484		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0	Curr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0	Curr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffs	et_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_N	/trRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Vo	lt_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_	Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdVa	alid_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	<b>✓</b>

191_1 110_11101_04_01111111111111111111111	tgt_ro.rou.rou.		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	18	18 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.82349932	1.82349932 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	199.445007	199.445007 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.71042848	1.71042848 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.90609932	2.90609932 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31522.125	31522.125 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	433.174988	433.174988 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	1546.61206	1546.61206 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
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	<b>✓</b>

Τ				<b>✓</b>
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	<b>✓</b>

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	

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CmMtrCurr\_Per3

Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	39016.2383		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	72475.2188		
CmMtrCurr_VecuSum_Volt_M_f32	444.304993		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	75		
k_MaxCurrOffMtrVel_RadpS_f32	6.76178551		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	1450		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.824068785		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-167.069183		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	9.52959633		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	249.121536		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	27077.7988		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.92295754		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result

90	190		
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

T				<b>✓</b>
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	<b>~</b>

Test Step 2.22 (Repeat Count = 1)		<u>✓</u>
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	

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CmMtrCurr\_Per3 Input Value CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32 221.705002 CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32 CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 3 CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32 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  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ 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\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt CmMtrCurr Per3 VhSpdValid Cnt lgc tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc tot Rte Inst Sa CmMtrCurr Pim ShCurrCal tot Pim ShCurrCal

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	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.34184277	1.34184277 ± 0.0003	<b>✓</b>
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	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.23 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	21	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	

CmMtrCurr Per3

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Input Value CmMtrCurr\_CurroffProcessFlag\_M\_enum CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32 4.4000001 2.18853402 CmMtrCurr MtrCurr1OffsetLo Volt M f32 CmMtrCurr\_MtrCurr1OffsetZero\_Volt\_M\_f32 2.18853402 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 27251.8008 CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32 1.0530895 CmMtrCurr MtrCurr1SumZero Volt M f32 232.835007  $CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32$ 2.72687054 CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 1.30570102  $CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32$ 2 44151449 CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 125.410637  $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 47839 5703 CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32 44898.4609 CmMtrCurr MtrCurrValCmd VoltCnt M f32 31777 1211 CmMtrCurr\_VecuSum\_Volt\_M\_f32 466.565002 Rte\_Inst\_Sa\_CmMtrCurr tgt Rte Inst Sa CmMtrCurr k\_CurrOffNoofAvg\_Cnt\_u16 85 k\_MaxCurrOffMtrVel\_RadpS\_f32 17.3677788 k\_MtrCurrEOLMaxOffset\_Volts\_f32 3 k\_MtrCurrEOLMinOffset\_Volts\_f32 3  $k\_MtrCurrOffLoComOff\_Cnt\_u16$ 569 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32.value 3 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32.value 3 tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32.value -576.014526 15.9636936 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32.value tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32.value 124.059662 tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc.value tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32 78596.2422 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 1.66544139 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 1 41828871 tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32 2.1423645 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 1 47283912 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32$ tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_Igc tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal$ tot Pim ShCurrCal **Actual Value Expected Value** Name Result CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16 21 ± 1 CURROFF\_INTIALISE CURROFF INTIALISE CmMtrCurr\_CurrOffState\_Uls\_M\_enum CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc 0 0 CmMtrCurr CurroffProcessFlag M enum 3 4 4000001 4 4000001 + 0 0003  $CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32$ CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 2.18853402 2.18853402 ± 0.0003 2 18853402 2 18853402 + 0 0003 CmMtrCurr MtrCurr1OffsetZero Volt M f32 27251.8008 ± 0.0003 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 27251.8008 ~ CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32 1 0530895 1 0530895 + 0 0003 232.835007 232.835007 ± 0.0003 CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32 ~ CmMtrCurr MtrCurr2OffsetHi Volt M f32 2.72687054 2.72687054 ± 0.0003 CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32 1.30570102 1.30570102 ± 0.0003 CmMtrCurr MtrCurr2OffsetZero Volt M f32 2.44151449 2.44151449 ± 0.0003  $CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32$ 125.410637 125.410637 ± 0.0003 CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32 47839.5703 47839.5703 ± 0.0003  $CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32$ 44898.4609 44898.4609 ± 0.0003 CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 31777.1211 31777.1211 ± 0.001 CmMtrCurr\_VecuSum\_Volt\_M\_f32 466.565002 466.565002 ± 0.0009765625 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value 0 0 ± 1

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

78596.2422

1.66544139

1.41828871

2.1423645

1.47283912

78596.2422 ± 0.004

1.66544139 ± 0.0003

1.41828871 ± 0.0003

2.1423645 ± 0.0003

1.47283912 ± 0.0003

 $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32





Test Step 2.24 (Repeat Count = 1)			<b>✓</b>
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 2.4301908		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 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_MtrCurrVolCmd_VoltCnt_M_f32	47839.5703		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr VecuSum Volt M f32	56885.8242 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 140.034927		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	140.034927		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	35326.4414		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.19832134		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70113182		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.12521768		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.1041311		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	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	<b>V</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr MtrCurr1SumHi Volt M f32	2.4301908 30192.9102	2.4301908 ± 0.0003 30192.9102 ± 0.0003	<b>*</b>
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	<b>✓</b>
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	<b>Y</b>
CmMtrCurr_VecuSum_Volt_M_f32	477.695007 0	477.695007 ± 0.0009765625	<b>*</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0 35326.4414	0 ± 1 35326.4414 ± 0.004	<b>~</b>
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	~
	1.1041311	1.1041311 ± 0.0003	<b>V</b>



T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

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		
mMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50238.3359		
CmMtrCurr_VecuSum_Volt_M_f32	488.825012		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
C_CurrOffNoofAvg_Cnt_u16	95		
_MaxCurrOffMtrVel_RadpS_f32	20		
_MtrCurrEOLMaxOffset_Volts_f32	3		
_MtrCurrEOLMinOffset_Volts_f32	1.15867352		
_MtrCurrOffLoComOff_Cnt_u16	635		
gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3		
gt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.123802423		
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-282.08429		
gt_CmMtrCurr_Per3_Vecu_Volt_f32.value	15		
gt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	148.213425		
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
gt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10727.9072		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96896577		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.0980438		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.91172564		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu	rr1_Volts_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu	rr2_Volts_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset	_Cnt_u16	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_Mtr	RadpS_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	<u>f</u> 32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_K	oh_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid	I_Cnt_lgc	
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
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	
Silliviti Cult_Mit Cult2OlisetLo_voit_M_132			
	1.07224905	1.07224905 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.07224905 306.320007	1.07224905 ± 0.0003 306.320007 ± 0.0003	

121.535004

50238.3359

488.825012

36.25

0

 $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 

CmMtrCurr\_VecuSum\_Volt\_M\_f32

CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32

CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32

121.535004 ± 0.0003

50238.3359 ± 0.001

488.825012 ± 0.0009765625

36.25 ± 0.0003

0 ± 1

CmMtrCurr\_Per3



Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10727.9072	10727.9072 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96896577	2.96896577 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.0980438	1.0980438 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.91172564	1.91172564 ± 0.0003	<b>✓</b>
tot Dim ShCurrCol EOI MtrCurr2OffootDiff Volta f22	2	3 + 0 0003	

Т						
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	<b>✓</b>		

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_ADCMtrCu	urr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffse	et_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_Mt	trRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt	t_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_h	Kph_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdVal	lid_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	-

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	24	24 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	0	0	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.25399995	3.25399995 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.25399995	3.25399995 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	303.209991	303.209991 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	266.225006	266.225006 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.89499998	3.89499998 ± 0.0003	<b>✓</b>
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	~

Name	Input Value		
CmMtrCurr CurrOffAvgCounter Cnt M u16	25		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	2		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.80000019		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98539996		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98539996		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	39016.2383		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	32.25		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	12546.25		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.51416945		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.94488144		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	143.794998		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.2774384		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	19845.2715		
CmMtrCurr_VecuSum_Volt_M_f32	511.084991		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	105		
k_MaxCurrOffMtrVel_RadpS_f32	-17.301012		
k_MtrCurrEOLMaxOffset_Volts_f32	1.3792882		
k_MtrCurrEOLMinOffset_Volts_f32	1.04392648		
k_MtrCurrOffLoComOff_Cnt_u16	654		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.87480044		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.17176461		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	289.772217		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	22.3622627		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	9.77714539		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	55950.4102		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.83865476		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	1_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvaCounter Cnt M u16	25	25 + 1	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	25	25 ± 1	<b>✓</b>
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.80000019	4.80000019 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98539996	3.98539996 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98539996	3.98539996 ± 0.0003	<b>✓</b>





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	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.83865476	2.83865476 ± 0.0003	<b>✓</b>
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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

- 101 000/5 10 10			
Test Step 2.28 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	26		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.92550302		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.69485998		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.69485998		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	41957.3516		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	39.5209999		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	15487.3604		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.43548334		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.25410008		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.68251061		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	18428.4707		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	154.925003		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.46330607		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31113.5039		
CmMtrCurr_VecuSum_Volt_M_f32	522.215027		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k CurrOffNoofAvg Cnt u16	110		
k_MaxCurrOffMtrVel_RadpS_f32	-20		
k MtrCurrEOLMaxOffset Volts f32	1.52888		
k MtrCurrEOLMinOffset Volts f32	1.59338915		
k_MtrCurrOffLoComOff_Cnt_u16	789		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.49078679		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.53748775		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	506.166565		
tgt CmMtrCurr Per3 Vecu Volt f32.value	18.4451694		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	230.269608		
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	67286.625		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.59164679		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.054039		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.98518658		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_	Volts f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2	_	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cn	_	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel MtrRad	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	· <del>-</del>	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt_CrimitiCuri_Per3_Vecu_Voit_132		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CriMitCuri_Per3_VeriSpd_Rpii_ tgt_CmMtrCurr_Per3_VhSpdValid_C		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	90	
		Expected Value	Decult
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	20	26 ± 1	





Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.92550302	2.92550302 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	39.5209999	39.5209999 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.43548334	1.43548334 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.25410008	3.25410008 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.68251061	2.68251061 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	154.925003	154.925003 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.46330607	1.46330607 ± 0.0003	~
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	31113.5039	31113.5039 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	522.215027	522.215027 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	67286.625	67286.625 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.59164679	1.59164679 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.054039	2.054039 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.98518658	1.98518658 ± 0.0003	<b>✓</b>

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	-

Test Step 2.29 (Repeat Count = 1)	▼ · · · · · · · · · · · · · · · · · · ·
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	27
CmMtrCurr CurrOffState Uls M enum	CURROFF ZEROAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr CurroffProcessFlag M enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.38621521
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.75889993
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.75889993
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	44898.4609
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.58627987
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	18428.4707
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.38276362
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.04989088
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	21369.5801
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	166.054993
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.46555519
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	17699.4063
CmMtrCurr_VecuSum_Volt_M_f32	533.344971
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	115
k_MaxCurrOffMtrVel_RadpS_f32	20
k_MtrCurrEOLMaxOffset_Volts_f32	2.42044473
k_MtrCurrEOLMinOffset_Volts_f32	1.16527128
k_MtrCurrOffLoComOff_Cnt_u16	852
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.59128475
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.64014673
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	1065.00781
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	10.0699291
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	87.1394653
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	7335.57324
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.40194368
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.55063355
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.35192561
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.89161241
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f:	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	27	27 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.38621521	1.38621521 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.38276362	2.38276362 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.04989088	1.04989088 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	166.054993	166.054993 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.46555519	2.46555519 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	17699.4063	17699.4063 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	533.344971	533.344971 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	7335.57324	7335.57324 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.40194368	1.40194368 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.55063355	1.55063355 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.35192561	2.35192561 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.89161241	1.89161241 ± 0.0003	<b>✓</b>

T				<b>✓</b>
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)	<b>✓</b>
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	28
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.3681531
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.40540409
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.40540409
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	47839.5703
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.18104506
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	21369.5801
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.92404044
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.69780493
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.7515341
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	24310.6895
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	177.184998
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	74187.0156
CmMtrCurr_VecuSum_Volt_M_f32	544.474976
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	120
k_MaxCurrOffMtrVel_RadpS_f32	3.5
k_MtrCurrEOLMaxOffset_Volts_f32	2.35738397
k_MtrCurrEOLMinOffset_Volts_f32	2.18284035
k_MtrCurrOffLoComOff_Cnt_u16	963
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.05517173
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-627.210938
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	29.2086487
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	30.014267
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	814.319275
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.10841858

CmMtrCurr\_Per3





Name	Input Value		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.16706681		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
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

191_1 110_1110_01_01_0111111111111111111	191_100	19oou.			
Name	Actual Value	Expected Value	Result		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	28	28 ± 1	<b>✓</b>		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	<b>✓</b>		
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.3681531	2.3681531 ± 0.0003	✓		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	<b>✓</b>		
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	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.7515341	1.7515341 ± 0.0003	✓		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	177.184998	177.184998 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>		
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	<b>✓</b>		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.10841858	1.10841858 ± 0.0003	<b>✓</b>		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.16706681	2.16706681 ± 0.0003	~		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>		

T				<b>✓</b>
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	<b>✓</b>

Test Step 2.31 (Repeat Count = 1)	
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	29
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.1426152
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.16658521
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3.87540007
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	24310.6895
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.56662393
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13700366
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	27251.8008
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	10.2349997
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.95115638
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	10990.1563
CmMtrCurr_VecuSum_Volt_M_f32	555.60498
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	125
k_MaxCurrOffMtrVel_RadpS_f32	0
k_MtrCurrEOLMaxOffset_Volts_f32	2.02416611
k_MtrCurrEOLMinOffset_Volts_f32	2.74298716
k_MtrCurrOffLoComOff_Cnt_u16	741
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.11736822
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.458493233
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	319.96756

CmMtrCurr\_Per3



Name	Input Value
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	15.0659857
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	108.936737
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	54494.7188
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.34625721
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.13625836
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal

tgt_tte_mst_sa_cmivitcun.Filin_shourtean	tgt_Filli_SilicultCal		
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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.16658521	2.16658521 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3.87540007	3.87540007 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.56662393	2.56662393 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	10990.1563	10990.1563 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	555.60498	555.60498 ± 0.0009765625	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.13625836	1.13625836 ± 0.0003	~

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.32 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	30	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	0	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.52099991	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.52099991	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.70221376	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.97247601	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	27251.8008	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.58498359	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.804142	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.22132409	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	21.3649998	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.21605432	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56785	
CmMtrCurr_VecuSum_Volt_M_f32	566.734985	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrOffNoofAvg_Cnt_u16	130	
k_MaxCurrOffMtrVel_RadpS_f32	-2.5	

CmMtrCurr\_Per3

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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_C	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0	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	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.22132409	1.22132409 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	21.3649998	21.3649998 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.21605432	1.21605432 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56785	56785 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	566.734985	566.734985 ± 0.0009765625	<b>✓</b>
		0 ± 1	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0		
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6106.29541	6106.29541 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32		6106.29541 ± 0.004 1.64925992 ± 0.0003	<b>*</b>
	6106.29541		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	6106.29541 1.64925992	1.64925992 ± 0.0003	~

Τ				<b>✓</b>
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	<b>✓</b>

2.38486934

2.38486934 ± 0.0003

Test Step 2.33 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	42	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	2	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.45582378	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.78107488	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	125.410637	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	110.404999	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	10.2349997	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32

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CmMtrCurr\_Per3

Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	62192.375		
CmMtrCurr_VecuSum_Volt_M_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	3350		
k_MaxCurrOffMtrVel_RadpS_f32	12.229619		
k_MtrCurrEOLMaxOffset_Volts_f32	2.94048262		
k_MtrCurrEOLMinOffset_Volts_f32	2.32975316		
k_MtrCurrOffLoComOff_Cnt_u16	600		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.425478697		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.19067407		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	12		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	20.8203239		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72154		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.47219872		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.17255747		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.227018		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result

tg_rtte_mot_od_omma ourr.r im_onourrour	tgt_r iiii_oilodii		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	43	43 ± 1	<b>✓</b>
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.45582378	1.45582378 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	125.836113	125.836113 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	110.404999	110.404999 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	12.4256735	12.4256744 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007	199.445007 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	62192.375	62192.375 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	20.8203239	20.8203239 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72154	72154 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.47219872	1.47219872 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.17255747	1.17255747 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.227018	1.227018 ± 0.0003	<b>✓</b>

T				<b>✓</b>
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	<b>~</b>

Test Step 2.34 (Repeat Count = 1)		<b>✓</b>
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	

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CmMtrCurr\_Per3 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 1.64321661  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ 2.54192924 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32$ tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt CmMtrCurr Per3 ComOffset Cnt u16 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt CmMtrCurr Per3 VhSpdValid Cnt Igc tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc tot Rte Inst Sa CmMtrCurr.Pim ShCurrCal tat Pim ShCurrCal

tgt_Rte_inst_Sa_CmixtrCurr.Pim_SnCurrCai	tgt_Pim_SnCurrCai		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>~</b>
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.0999999	4.0999999 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0	0 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0	0 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.64645708	1.64645708 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0	0 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	0	0 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	65784.1328	65784.1328 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	0	0 ± 0.0009765625	<b>~</b>
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	<b>~</b>

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.35 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	32
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1

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Critiviti Curi_Pers			MACILIA
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_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	n_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
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	

T				<b>✓</b>
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	<b>✓</b>

1.87105429

54641.4297

588.994995

5549.88623

2.08785343

2.94626999

2.92457032

0

 $1.87105429 \pm 0.0003$ 

 $588.994995 \pm 0.0009765625$ 

54641.4297 ± 0.001

5549.88623 ± 0.004

2.08785343 ± 0.0003

2.94626999 ± 0.0003

2.92457032 ± 0.0003

0 ± 1

3 ± 0.0003

 $CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32$ 

CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32

tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value

 $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$ 

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$ 

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32

CmMtrCurr\_VecuSum\_Volt\_M\_f32





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 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.63504803 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	77004 4000		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	77261.1328		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.34409523 2.70458388		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 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		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt CmMtrCurr Per3 MtrVel MtrRa	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3:	· <del>-</del>	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
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Name	Actual Value	Expected Value	Result
Name CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	Actual Value	Expected Value 34 ± 1	
		·	•
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	34	34 ± 1	•
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum	34 CURROFF_HIAVERAGE	34 ± 1 CURROFF_HIAVERAGE	•
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	34 CURROFF_HIAVERAGE 1	34 ± 1 CURROFF_HIAVERAGE 1	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum	34 CURROFF_HIAVERAGE 1 1	34 ± 1 CURROFF_HIAVERAGE 1	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	34 CURROFF_HIAVERAGE 1 1 2.44151449	34 ± 1 CURROFF_HIAVERAGE 1 1 2.44151449 ± 0.0003	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	34 CURROFF_HIAVERAGE 1 1 2.44151449 4.30000019	34 ± 1 CURROFF_HIAVERAGE 1 1 2.44151449 ± 0.0003 4.30000019 ± 0.0003	0
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	34 CURROFF_HIAVERAGE 1 1 2.44151449 4.30000019 4.30000019	34 ± 1 CURROFF_HIAVERAGE  1 1 2.44151449 ± 0.0003 4.3000019 ± 0.0003 4.30000019 ± 0.0003 4.63504791 ± 0.0003 2.00935435 ± 0.0003	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	34 CURROFF_HIAVERAGE 1 1 2.44151449 4.30000019 4.30000019 4.63504791 2.00935435 36075.1289	34 ± 1 CURROFF_HIAVERAGE  1 1 2.44151449 ± 0.0003 4.3000019 ± 0.0003 4.30000019 ± 0.0003 4.63504791 ± 0.0003 2.00935435 ± 0.0003 36075.1289 ± 0.0003	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurrOffsetHi_Volt_M_f32	34 CURROFF_HIAVERAGE 1 1 2.44151449 4.30000019 4.30000019 4.63504791 2.00935435 36075.1289 2.91423535	34 ± 1  CURROFF_HIAVERAGE  1  1  2.44151449 ± 0.0003  4.3000019 ± 0.0003  4.3000019 ± 0.0003  4.63504791 ± 0.0003  2.00935435 ± 0.0003  36075.1289 ± 0.0003  2.91423535 ± 0.0003	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	34 CURROFF_HIAVERAGE 1 1 2.44151449 4.30000019 4.30000019 4.63504791 2.00935435 36075.1289 2.91423535 4.0999999	34 ± 1  CURROFF_HIAVERAGE  1  1  2.44151449 ± 0.0003  4.3000019 ± 0.0003  4.30000019 ± 0.0003  4.63504791 ± 0.0003  2.00935435 ± 0.0003  36075.1289 ± 0.0003  4.0999999 ± 0.0003	
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CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	34 CURROFF_HIAVERAGE 1 1 2.44151449 4.30000019 4.30000019 4.63504791 2.00935435 36075.1289 2.91423535 4.0999999 1.78107488 2.3582015	34 ± 1  CURROFF_HIAVERAGE  1  1  2.44151449 ± 0.0003  4.3000019 ± 0.0003  4.3000019 ± 0.0003  4.63504791 ± 0.0003  2.00935435 ± 0.0003  36075.1289 ± 0.0003  2.91423535 ± 0.0003  4.0999999 ± 0.0003  1.78107488 ± 0.0003  2.3582015 ± 0.0003	
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CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	34 CURROFF_HIAVERAGE  1 1 2.44151449 4.30000019 4.30000019 4.63504791 2.00935435 36075.1289 2.91423535 4.0999999 1.78107488 2.3582015 54.7550011 3 35505.4063 617.193848 4000	34 ± 1 CURROFF_HIAVERAGE  1 1 2.44151449 ± 0.0003 4.30000019 ± 0.0003 4.30000019 ± 0.0003 4.63504791 ± 0.0003 2.00935435 ± 0.0003 36075.1289 ± 0.0003 2.91423535 ± 0.0003 4.0999999 ± 0.0003 1.78107488 ± 0.0003 2.3582015 ± 0.0003 54.7550011 ± 0.0003 3 ± 0.0003 35505.4063 ± 0.001 617.193848 ± 0.0009765625 4000 ± 1	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	34 CURROFF_HIAVERAGE 1 1 2.44151449 4.30000019 4.30000019 4.63504791 2.00935435 36075.1289 2.91423535 4.099999 1.78107488 2.3582015 54.7550011 3 35505.4063 617.193848 4000 77261.1328	34 ± 1 CURROFF_HIAVERAGE  1 1 2.44151449 ± 0.0003 4.30000019 ± 0.0003 4.30000019 ± 0.0003 4.63504791 ± 0.0003 2.00935435 ± 0.0003 2.91423535 ± 0.0003 2.91423535 ± 0.0003 1.78107488 ± 0.0003 2.3582015 ± 0.0003 54.7550011 ± 0.0003 3 ± 0.0003 3 ± 0.0003 3 5505.4063 ± 0.001 617.193848 ± 0.0009765625 4000 ± 1 77261.1328 ± 0.004	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 cmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	34 CURROFF_HIAVERAGE 1 1 2.44151449 4.30000019 4.30000019 4.63504791 2.00935435 36075.1289 2.91423535 4.099999 1.78107488 2.3582015 54.7550011 3 35505.4063 617.193848 4000 77261.1328 2.34409523	34 ± 1 CURROFF_HIAVERAGE  1 1 2.44151449 ± 0.0003 4.30000019 ± 0.0003 4.30000019 ± 0.0003 4.63504791 ± 0.0003 2.00935435 ± 0.0003 2.91423535 ± 0.0003 4.099999 ± 0.0003 1.78107488 ± 0.0003 2.3582015 ± 0.0003 54.7550011 ± 0.0003 3 ± 0.0003 3 ± 0.0003 35505.4063 ± 0.001 617.193848 ± 0.0009765625 4000 ± 1 77261.1328 ± 0.004 2.34409523 ± 0.0003	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumCero_Volt_M_f32 CmMtrCurr_MtrCurr2SumCero_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	34 CURROFF_HIAVERAGE 1 1 2.44151449 4.30000019 4.30000019 4.63504791 2.00935435 36075.1289 2.91423535 4.099999 1.78107488 2.3582015 54.7550011 3 35505.4063 617.193848 4000 77261.1328 2.34409523 2.70458388	34 ± 1 CURROFF_HIAVERAGE  1 1 2.44151449 ± 0.0003 4.3000019 ± 0.0003 4.3000019 ± 0.0003 4.63504791 ± 0.0003 2.00935435 ± 0.0003 2.91423535 ± 0.0003 2.91423535 ± 0.0003 4.099999 ± 0.0003 1.78107488 ± 0.0003 2.3582015 ± 0.0003 3± 0.0003 3± 0.0003 35505.4063 ± 0.001 617.193848 ± 0.0009765625 4000 ± 1 77261.1328 ± 0.004 2.34409523 ± 0.0003 2.70458388 ± 0.0003	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 CmMtrCurr_CurrOffState_Uls_M_enum CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_CurrOffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SfsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 cmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurrVoffsetLo_Volts_f32	34 CURROFF_HIAVERAGE 1 1 2.44151449 4.30000019 4.30000019 4.63504791 2.00935435 36075.1289 2.91423535 4.099999 1.78107488 2.3582015 54.7550011 3 35505.4063 617.193848 4000 77261.1328 2.34409523	34 ± 1 CURROFF_HIAVERAGE  1 1 2.44151449 ± 0.0003 4.30000019 ± 0.0003 4.30000019 ± 0.0003 4.63504791 ± 0.0003 2.00935435 ± 0.0003 2.91423535 ± 0.0003 4.099999 ± 0.0003 1.78107488 ± 0.0003 2.3582015 ± 0.0003 54.7550011 ± 0.0003 3 ± 0.0003 3 ± 0.0003 35505.4063 ± 0.001 617.193848 ± 0.0009765625 4000 ± 1 77261.1328 ± 0.004 2.34409523 ± 0.0003	



Τ				<b>✓</b>
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	<b>✓</b>

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		
MtrCurrEOLMaxOffset Volts f32	3		
k MtrCurrEOLMinOffset Volts f32	1.68836021		
 <_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_Igc.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		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.12521768		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.1041311		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1	Volte f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32			
	tgt_CmMtrCurr_Per3_ADCMtrCurr2		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	_	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa tgt_CmMtrCurr_Per3_Vecu_Volt_f3.		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0	Unt_igc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	35	35 ± 1	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	
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	
	1.16198051	1.16198051 ± 0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32			
	2.70886779	2.70886779 ± 0.0003	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32		2.70886779 ± 0.0003 39016.2383 ± 0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.70886779		

4.19999981

2.08536386

29.4384918

12549.25

2.1677835

56885.8242

611.255005

 $CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32$ 

 $CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32$ 

CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32

CmMtrCurr\_VecuSum\_Volt\_M\_f32

 $CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32$ 

 $CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32$ 

CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32

4.19999981 ± 0.0003

2.08536386 ± 0.0003 29.4384918 ± 0.0003

12549.25 ± 0.0003 2.1677835 ± 0.0003

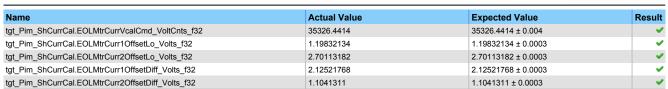
56885.8242 ± 0.001

617 ± 1

611.255005 ± 0.0009765625

CmMtrCurr\_Per3





Τ					
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_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvaCounter Cnt M u16	35	35 ± 1	_

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	35	35 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.07224905	1.07224905 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.71042848	1.71042848 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.85310507	1.85310507 ± 0.0003	~

CmMtrCurr\_Per3



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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.69203067	1.69203067 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.44071484	1.44071484 ± 0.0003	<b>✓</b>

Τ				
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	<b>✓</b>

Name	Input Value			
CmMtrCurr CurrOffAvgCounter Cnt M u16	63			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.98567462			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57437587			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	16.249506			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	18428.4707			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.23846722			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25603.0664			
CmMtrCurr_VecuSum_Volt_M_f32	633.515015			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k_CurrOffNoofAvg_Cnt_u16	160			
k_MaxCurrOffMtrVel_RadpS_f32	9.50732899			
k_MtrCurrEOLMaxOffset_Volts_f32	2.87722993			
k_MtrCurrEOLMinOffset_Volts_f32	3			
k_MtrCurrOffLoComOff_Cnt_u16	555			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.91991305			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.3727503			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008			
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6889.93945			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2081331			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.52772772			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrC	Curr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrC	Curr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffse	et_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_M	ltrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Vo	lt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_	Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdVa	ılid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resul	
CmMtrCurr CurrOffAvaCounter Cat M u16	64	64 + 1		

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	•
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	<b>✓</b>



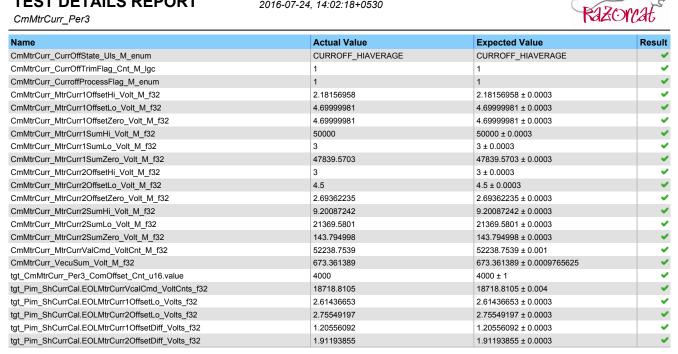


Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.98567462	2.98567462 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.57437587	1.57437587 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731	2.74678731 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2081331	1.2081331 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.52772772	1.52772772 ± 0.0003	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.40 (Repeat Count = 1)					
	Innut Value				
Name	Input Value				
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63	11			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE				
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1				
CmMtrCurr_CurroffProcessFlag_M_enum	3				
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.18156958				
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981				
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 Igc.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_ADCMtrC	Turr1 Volte f22			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt_CmMtrCurr_Per3_ADCMtrC				
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt_CmMtrCurr_Per3_ADCMtrC				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc				
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal				
Name	Actual Value		xpected Value		Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64	4 ± 1		<b>✓</b>





T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	-

Test Step 2.41 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1
CmMtrCurr CurroffProcessFlag M enum	3
CmMtrCurr MtrCurr1OffsetHi Volt M f32	2.47964859
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.79071116
CmMtrCurr MtrCurr1OffsetZero Volt M f32	2.79071116
CmMtrCurr MtrCurr1SumHi Volt M f32	25458.25
CmMtrCurr MtrCurr1SumLo Volt M f32	2.9184866
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	65.8850021
CmMtrCurr MtrCurr2OffsetHi Volt M f32	2.0520041
CmMtrCurr MtrCurr2OffsetLo Volt M f32	4.599999
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.07563138
CmMtrCurr MtrCurr2SumHi Volt M f32	30.7622643
CmMtrCurr MtrCurr2SumLo Volt M f32	24310.6895
CmMtrCurr MtrCurr2SumZero Volt M f32	154.925003
CmMtrCurr MtrCurrValCmd VoltCnt M f32	36546.3594
CmMtrCurr VecuSum Volt M f32	655.775024
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k CurrOffNoofAvg Cnt u16	1050
k MaxCurrOffMtrVel RadpS f32	15.5906773
k MtrCurrEOLMaxOffset Volts f32	2.96421409
k MtrCurrEOLMinOffset Volts f32	1.23255312
k MtrCurrOffLoComOff Cnt u16	1369
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.78046203
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	3
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	15
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	21.4816856
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1.12093002e-008
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	36079.5391
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.96690226
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	2.88593364
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32





tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc			
	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc				
	1 1 B: 010 0 1			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_SnCurrCai	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	~	

T				<b>✓</b>
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	<b>✓</b>

Test Step 2.42 (Repeat Count = 1)	<b>✓</b>
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_C	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_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	<b>✓</b>	

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Name	Actual Value	Expected Value	Result		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	61	61 ± 1	~		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	<b>✓</b>		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>		
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.81754565	2.81754565 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3.42019391	3.42019391 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	99.2750015	99.2750015 ± 0.0003	✓		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.01092339	1.01092339 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.17914116	1.17914116 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	✓		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.72327757	2.72327757 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	50648.5977	50648.5977 ± 0.001	✓		
CmMtrCurr_VecuSum_Volt_M_f32	982.851868	982.851868 ± 0.0009765625	<b>✓</b>		
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	<b>✓</b>		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36573.0195	36573.0195 ± 0.004	<b>✓</b>		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.17193532	1.17193532 ± 0.0003	<b>✓</b>		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.49366164	2.49366164 ± 0.0003	<b>✓</b>		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.44606352	1.44606352 ± 0.0003	~		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.89337552	1.89337552 ± 0.0003	<b>✓</b>		

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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	<b>✓</b>

Test Step 2.43 (Repeat Count = 1)	<b>▼</b>
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

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Name	Input Value			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	9.09741783	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	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_ADCMtrCurr	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f:	32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr CurrOffAvaCounter Cnt M u16	62	62 + 1	•	

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Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	62	62 ± 1	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	5.5327158	5.53271532 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	110.404999	110.404999 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056	1.78895056 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	976.51239	976.51239 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	✓
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	68435.9531	68435.9531 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.96729159	1.96729159 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.37171364	2.37171364 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.71984124	2.71984124 ± 0.0003	<b>✓</b>

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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 2.44 (Repeat Count = 1)		✓.
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	62	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.26628852	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.92550302	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	121.535004	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.99545753	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.509166	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.38954449	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	6525.31982	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.20921946	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55850.0508	
CmMtrCurr_VecuSum_Volt_M_f32	978.544983	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrOffNoofAvg_Cnt_u16	2850	
k_MaxCurrOffMtrVel_RadpS_f32	15.0749359	

CmMtrCurr\_Per3



Name	Input Value			
k_MtrCurrEOLMaxOffset_Volts_f32	2	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	3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.08261728	2.08261728		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.59304428	1.59304428		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_\	/olts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_\	/olts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt	_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadp	oS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f3	32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cn	t_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63	63 ± 1	~	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	<b>✓</b>	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~	

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Name	Actual Value	Expected Value	Result		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63	63 ± 1	~		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	<b>✓</b>		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>		
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.26628852	2.26628852 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.92550302	2.92550302 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3.83024454	3.83024454 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	121.535004	121.535004 ± 0.0003	~		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.99545753	1.99545753 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.509166	2.509166 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.38954449	2.38954449 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	<b>✓</b>		
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	<b>✓</b>		
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	<b>✓</b>		
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	~		

Τ					
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	<b>✓</b>	

Test Step 2.45 (Repeat Count = 1)		<b>✓</b>
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	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	43	43 ± 1	•
Continue Composition III- Management	OUDDOEF HIM /FDAOF	CURROLE HIAVERAGE	

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Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	43	43 ± 1	<b>✓</b>	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	<b>✓</b>	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>	
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.45582378	1.45582378 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	125.836113	125.836113 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	110.404999	110.404999 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	12.4256735	12.4256744 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007	199.445007 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	62192.375	62192.375 ± 0.001	<b>✓</b>	
CmMtrCurr_VecuSum_Volt_M_f32	20.8203239	20.8203239 ± 0.0009765625	<b>✓</b>	
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72154	72154 ± 0.004	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.47219872	1.47219872 ± 0.0003	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.17255747	1.17255747 ± 0.0003	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.227018	1.227018 ± 0.0003	<b>✓</b>	

Τ				
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	<b>~</b>

Test Step 2.46 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	43	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.31441784	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.32500005	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.32500005	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	35.2140007	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	

CmMtrCurr\_Per3



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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_C	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	dpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3:	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_0	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvgCounter Cnt M u16	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 MtrCurr1Suml o Volt M f32	3	3 + 0 0003	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	44	44 ± 1	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.72680926	1.72680926 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.7515341	1.7515341 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	24.3649998	24.3649998 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	210.574997	210.574997 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	20547.9805	20547.9805 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	2014.1521	2014.1521 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	9833.26758	9833.26758 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.85367167	1.85367167 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.87929463	1.87929463 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.48623836	1.48623836 ± 0.0003	~
tot Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	<b>✓</b>

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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 2.47 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	44
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1

CmMtrCurr Per3

2016-07-24, 14:02:18+0530



Input Value CmMtrCurr\_CurroffProcessFlag\_M\_enum 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 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 18.9641953 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32.value tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32.value 1.32093003e-008 tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc.value tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32 12022.6406 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 1.768152 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 3 tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32 2.91952419 tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt CmMtrCurr Per3 MtrVel MtrRadpS f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc tot Pim ShCurrCal  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal$ **Actual Value Expected Value** Name Result CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16 45 ± 1 CURROFF HIAVERAGE CURROFF HIAVERAGE CmMtrCurr\_CurrOffState\_Uls\_M\_enum CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc CmMtrCurr\_CurroffProcessFlag\_M\_enum 4 19999981 4 19999981 + 0 0003  $CmMtrCurr\_MtrCurr1OffsetHi\_Volt\_M\_f32$ CmMtrCurr\_MtrCurr1OffsetLo\_Volt\_M\_f32 2.06366134 2.06366134 ± 0.0003 2 06366134 + 0 0003 ~ CmMtrCurr MtrCurr1OffsetZero Volt M f32 2 06366134 309.024689 ± 0.0003 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 309.024719 ~  $CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32$ 3 + 0.0003132.664993 132.664993 ± 0.0003 CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32 1.89202535 ± 0.0003 ~ CmMtrCurr MtrCurr2OffsetHi Volt M f32 1.89202535 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 ± 0.0003 41957.3516  $CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32$ 221.705002 221.705002 ± 0.0003 CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 7388.61279 7388.61279 ± 0.001

T				<b>✓</b>
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	<b>✓</b>

741.519165

12022.6406

2.91952419

1.768152

4000

3

3

CmMtrCurr\_VecuSum\_Volt\_M\_f32

tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value

 $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 

tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32

741.519165 ± 0.0009765625

12022.6406 ± 0.004

1.768152 ± 0.0003 3 ± 0.0003

2.91952419 ± 0.0003

4000 ± 1

3 ± 0.0003





Test Step 2.48 (Repeat Count = 1)			<b>✓</b>
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 2.804142		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	65.8850021		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 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	V-H- 500	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ADCMtrCurr2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_ComOffset_C tgt_CmMtrCurr_Per3_MtrVel_MtrRa	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt CmMtrCurr Per3 Vecu Volt f3.		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt_CmMtrCurr_Per3_VhSpdValid_0		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal	<u>.</u> ge	
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 Igc	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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3.39429665	3.39429665 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.37314701	2.37314701 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	166.054993	166.054993 ± 0.0003	<b>*</b>
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	<b>V</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	47726.5313	47726.5313 ± 0.001	
CmMtrCurr_VecuSum_Volt_M_f32	767.939636	767.939636 ± 0.0009765625	<b>V</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	<b>V</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10899.8896	10899.8896 ± 0.004	· ·
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>V</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.47143555	2.47143555 ± 0.0003	<b>Y</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.48983455	2.48983455 ± 0.0003	
	1.0	3 ± 0.0003	•



T				<b>✓</b>
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	<b>✓</b>

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			
_CurrOffNoofAvg_Cnt_u16	5350			
MaxCurrOffMtrVel_RadpS_f32	4.46507597			
MtrCurrEOLMaxOffset Volts f32	3			
MtrCurrEOLMinOffset_Volts_f32	3			
_MtrCurrOffLoComOff_Cnt_u16	800			
gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.41209054			
pt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.68971038			
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	4			
gt_CmMtrCurr_Per3_Vecu_Volt_f32.value	12.007616			
gt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008			
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1			
gt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72593.1016			
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.83289099			
	2.62811708			
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32				
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.49345279			
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.77509665	1 V-II- 600		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr			
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2			
pt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C	_		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR			
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3			
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph			
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc		
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resi	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	10001	10001 ± 1		
mMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE		
mMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1		
mMtrCurr_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		
mMtrCurr_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		
	33136.7109	33136.7109 ± 0.0003		
THINITCUIT INITCUITZSUITINI VOIL IN 132				
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr MtrCurr2SumLo Volt M f32	47839.5703	47839.5703 ± 0.0003		

15487.3604

70405.5469

779.082642

4000

CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32

CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32

CmMtrCurr\_VecuSum\_Volt\_M\_f32

15487.3604 ± 0.0003

779.082642 ± 0.0009765625

70405.5469 ± 0.001

4000 ± 1





Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72593.1016	72593.1016 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.83289099	2.83289099 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.62811708	2.62811708 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.49345279	2.49345279 ± 0.0003	✓
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.77509665	1.77509665 ± 0.0003	<b>✓</b>

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>✓</b>

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	0.4.1.1.1.100	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCM		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCM		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOt		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_\	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSp	- · -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpd	valid_Unt_igc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	I=	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	31	31 ± 1	~

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	31	31 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	✓
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.5	4.5 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.69017243	2.69017243 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.69017243	2.69017243 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15490.3604	15490.3604 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
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	<b>✓</b>

CmMtrCurr\_Per3





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	103.387001	103.387001 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.02487695	1.02487695 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	41748.7891	41748.7891 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.73949075	1.73949075 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.81584823	1.81584823 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.0832448	2.0832448 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

T				<b>✓</b>
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 Igc	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_f3	2	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 Vecu Volt f32	tgt CmMtrCurr Per3 Vecu Volt f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
ITAINIC	Actual Value	Expected value	Resu

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	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.17255139	2.17255139 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.3003974	2.3003974 ± 0.0003	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	6130.46191	6130.46191 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	789.335022	789.335022 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	900	900 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6579.94385	6579.94385 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.84182739	2.84182739 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.84872556	1.84872556 ± 0.0003	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

T4 04-9 0 50 /P-9-4 094 0				. 0
Test Step 2.52 (Repeat Count = 1)				~
Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	46			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1			
CmMtrCurr_CurroffProcessFlag_M_enum	2			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.55437148			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.18853402			
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.18853402			
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.22132409			
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	50000			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.45344734			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.05157495			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.47292328			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.08536386			
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	41957.3516			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.37079549			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	24310.6895			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	37677.1406			
CmMtrCurr_VecuSum_Volt_M_f32	800.465027			
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
k CurrOffNoofAvg Cnt u16	6850			
k_MaxCurrOffMtrVel_RadpS_f32	9.15929317			
k MtrCurrEOLMaxOffset Volts f32	2.99555564			
k MtrCurrEOLMinOffset Volts f32	1.11085141			
k MtrCurrOffLoComOff Cnt u16	950			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.182596684			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.35922432			
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9			
tgt CmMtrCurr Per3 Vecu Volt f32.value	5.0676527			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008			
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1			
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	50186.2891			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.30887294			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.13170183			
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu	ırr1 Volts f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCu			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt_CmMtrCurr_Per3_ADCMtrCu			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt_CmMtrCurr_Per3_ComOnset			
		. –		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_K	. –		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid	u_Cnt_igc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			1_
Name	Actual Value		pected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	47	47 :	± 1	_

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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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.55437148	1.55437148 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.18853402	2.18853402 ± 0.0003	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.08536386	2.08536386 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3.73001981	3.73001981 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	37677.1406	37677.1406 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	800.465027	800.465027 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	950	950 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	50186.2891	50186.2891 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	•
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.30887294	2.30887294 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.13170183	1.13170183 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	-

Name	Test Step 2.53 (Repeat Count = 1)	<b>√</b>
CmMtCur_CurrOffAsgCounter_Cnt_M_u16 CmMtCur_CurrOffState_Uis_M_enum CURROFF_LOAVERAGE  CmMtCur_CurrOffTroffEse_Cnt_M_lgc 1 CmMtCur_CurrOffTroffEse_Cnt_M_lgc 1 CmMtCur_CurrOffTroffEse_Cnt_M_lgc 2 CmMtCurr_MtrCurrOffStet_LO_Vit_M_132 2 CmMtCurr_MtrCurrIOffStet_LO_Vit_M_132 2 CmMtCurr_MtrCurrIOffStet_LO_Vit_M_132 2 CmMtCurr_MtrCurrISumH_lo_Vit_M_132 3 CmMtCurr_MtrCurrSumH_lo_Vit_M_132 3 CmMtCurr_MtrCurrSumH_lo_Vit_M_132 3 CmMtCurr_MtrCurrSumH_lo_Vit_M_132 3 CmMtCurr_MtrCurrSumH_lo_Vit_M_132 3 CmMtCurr_MtrCurrSumH_lo_Vit_M_132 1 CmMtCurr_Vit_MtrCurr_SumH_lo_Vit_M_132 1 CmMtCurr_Vit_MtrC		Innut Value
CmMirCurr, CurrOffState_Uis_M_enum CMMCurr_CurrOffTrinFlag_Crt_M_lgc CmMirCurr_MirCurrOffSeesFlag_M_enum 3 CmMirCurr_MirCurrOffSeesFlag_M_enum 3 CmMirCurr_MirCurrOffSeetLev_Volt_M_l32 2,4301908 CmMirCurr_MirCurrOffSeetZev_Volt_M_l32 2,4301908 CmMirCurr_MirCurrOffSeetZev_Volt_M_l32 2,4301908 CmMirCurr_MirCurrOffSeetZev_Volt_M_l32 2,4301908 CmMirCurr_MirCurrOffSeetZev_Volt_M_l32 2,4301908 CmMirCurr_MirCurrSumLev_Volt_M_l32 2,526642908 CmMirCurr_MirCurrSumLev_Volt_M_l32 2,135220647 CmMirCurr_MirCurrSumLev_Volt_M_l32 2,13697249 CmMirCurr_MirCurrSumLev_Volt_M_l32 3,00000000000000000000000000000000000		•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lge		
CmMtrCurr, CurroffFrocessFlag, M_enum         3           CmMtrCurr, MicrorrOffsette, Volt, M_132         2           CmMtrCurr, MicrorrOffsette, Volt, M_132         2,4301908           CmMtrCurr, MtrCurrlSsurb, Volt, M_132         2,4301908           CmMtrCurr, MtrCurrlSsurb, Volt, M_132         1,35220647           CmMtrCurr, MtrCurrlSsurb, Volt, M_132         2564,25098           CmMtrCurr, MtrCurrSsurb, Volt, M_132         1,18977249           CmMtrCurr, MtrCurr2Offsette, Volt, M_132         3           CmMtrCurr, MtrCurr2Offsette, Volt, M_132         1,8510507           CmMtrCurr, MtrCurr2Offsette, Volt, M_132         1,85310507           CmMtrCurr, MtrCurr2Offsette, Volt, M_132         1,853904           CmMtrCurr, MtrCurr2SumLo, Volt, M_132         1,82852371           CmMtrCurr, MtrCurr2SumZer, Volt, M_132         1,853904           CmMtrCurr, MtrCurr4SumZer, Volt, M_132         27251,8008           CmMtrCurr, MtrCurr4SumZer, Volt, M_132         311,594971           CmMtrCurr, VecuSum, Volt, M_132         311,594971           CmMtrCurr, VecuSum, Volt, M_132         311,594971           K, Lary, La		-
CmMtrCurr_MtrCurr10ffsetHi_Volt_M_f32         2.4301908           CmMtrCurr_MtrCurr10ffsetEo_Volt_M_f32         2.4301908           CmMtrCurr_MtrCurr1SumHi_Volt_M_f32         1.55220647           CmMtrCurr_MtrCurr1SumHi_Volt_M_f32         2564.25098           CmMtrCurr_MtrCurrSumZer_Volt_M_f32         1.8977249           CmMtrCurr_MtrCurr20ffsetLo_Volt_M_f32         3           CmMtrCurr_MtrCurr20ffsetLo_Volt_M_f32         3           CmMtrCurr_MtrCurr20ffsetLo_Volt_M_f32         1.85310507           CmMtrCurr_MtrCurr20ffsetLo_Volt_M_f32         1.85310507           CmMtrCurr_MtrCurr20ffsetLo_Volt_M_f32         1.2535004           CmMtrCurr_MtrCurr2SumLov_Volt_M_f32         1.26852371           CmMtrCurr_MtrCurr2SumLov_Volt_M_f32         1.26852371           CmMtrCurr_MtrCurr2SumLov_Volt_M_f32         4916.3633           CmMtrCurr_MtrCurr2SumLov_Volt_M_f32         4916.3633           CmMtrCurr_MtrCurr2Sum_Volt_M_f32         811.594971           RitInst_Sa_CmMtrCurr         1gtRelInst_SaCmMtrCurr           KUnrOffMootAvg_Cnt_u16         7350           RUnrOffMootAvg_Cnt_u16         7350           KMTCurrEOLMinOffSet_Volts_f32         1.24209137           KMTCurrEOLMinOffSet_Volts_f32         1.38772607           KMTCurrEOLMinOffSet_Volts_f32         1.5840645		
CmMtrCurr_MtrCurr10ffsetLo_Volt_M_f32         2,4301908           CmMtrCurr_MtrCurr10ffsetZero_Volt_M_f32         2,4301908           CmMtrCurr_MtrCurr1SmtH_Volt_M_f32         1,35220647           CmMtrCurr_MtrCurr1SumLo_Volt_M_f32         2564.25098           CmMtrCurr_MtrCurr20fsetLev_Volt_M_f32         1,18977249           CmMtrCurr_MtrCurr20fsetLev_Volt_M_f32         3           CmMtrCurr_MtrCurr20fsetLev_Volt_M_f32         3           CmMtrCurr_MtrCurr20fsetLev_Volt_M_f32         1,85310507           CmMtrCurr_MtrCurr20smtH_Volt_M_f32         121,535004           CmMtrCurr_MtrCurr2SumHi_Volt_M_f32         122,535004           CmMtrCurr_MtrCurr2SumLov_Volt_M_f32         27251,8008           CmMtrCurr_MtrCurr2SumLov_Volt_M_f32         27251,8008           CmMtrCurr_MtrCurr4CarSumLov_Volt_M_f32         49163,833           CmMtrCurr_VecuSum_Volt_M_f32         811,594971           Re_Inst_Sa_CmMtrCurr         tg_R_te_Inst_Sa_CmMtrCurr           R_Lord*Ciffbookag_Cnt_u16         7350           R_Lord*Ciffbookag_Cnt_u16         7350           R_MtrCurrEOLMxOffset_Volts_f32         1,38772607           R_MtrCurrEOLMxOffset_Volts_f32         1,38772607           R_MtrCurrEOLMxOffset_Volts_f32_value         1,8804521           tgt_CmMtrCurr_Pera_ADCMtrCurr_Volts_f32_value         1,28093024		
CmMtrCurr_MtrCurr10ffsetZero_Voit_M_f32         2.4301908           CmMtrCurr_MtrCurr1SumL_Voit_M_f32         1.35220647           CmMtrCurr_MtrCurr1SumL_Voit_M_f32         2.5842.25908           CmMtrCurr_MtrCurr2OffsetLo_Voit_M_f32         1.8977249           CmMtrCurr_MtrCurr2OffsetLo_Voit_M_f32         3           CmMtrCurr_MtrCurr2OffsetLo_Voit_M_f32         3           CmMtrCurr_MtrCurr2OffsetLo_Voit_M_f32         1.85310507           CmMtrCurr_MtrCurr2SumL_Voit_M_f32         1.853004           CmMtrCurr_MtrCurr2SumL_Voit_M_f32         1.62852371           CmMtrCurr_MtrCurr2SumLo_Voit_M_f32         1.62852371           CmMtrCurr_MtrCurr2SumLo_Voit_M_f32         49166.3633           CmMtrCurr_MtrCurrYalCmd_VoitCnt_M_f32         49166.3633           CmMtrCurr_MtrCurrYalCmd_Voit_N_f32         49166.3633           CmMtrCurr_MtrCurrYalCmd_Voit_N_f32         49166.3633           Kill_Sa_CmMtrCurr         1g_Re_lnst_Sa_CmMtrCurr           K_curroffmodry_Q_cnt_u16         7350           K_curroffmodry_Q_cnt_u16         7350           K_mtrCurr_Endmodry_C_cnt_u16         1.38772607           K_mtrCurr_Dim_ComOff_Cnt_u16         1.83972607           K_mtrCurr_Dim_ComOff_Cnt_u16         1.8390342           tg_C_cmMtrCurr_Per3_ADCMtrCurr_Voit_S_20_value         1.89084521		
CmMtrCurr/MtrCurr/SumHi_Volt_M_f32		
CmMtrCurr SumLo_Volt_M_132         2564.25098           CmMtrCurr_MtrCurr_Street_Volt_M_132         1.18977249           CmMtrCurr_MtrCurr2Offsett_Volt_M_132         3           CmMtrCurr_MtrCurr2OffsetLo_Volt_M_132         3           CmMtrCurr_MtrCurr2OffsetLo_Volt_M_132         1.85310507           CmMtrCurr_MtrCurr2SumLo_Volt_M_132         121.535004           CmMtrCurr_MtrCurr2SumLo_Volt_M_132         122.535004           CmMtrCurr_MtrCurr2SumLo_Volt_M_132         1.62852371           CmMtrCurr_MtrCurr2SumLo_Volt_M_132         4966.3833           CmMtrCurr_MtrCurrYalCmd_Volt_M_132         49166.3833           CmMtrCurr_MtrCurrYalCmd_Volt_M_132         811.594971           Rte_inst_Sa_CmMtrCurr         tgr_Rte_inst_Sa_CmMtrCurr           k_currOffsolay_Cnt_u16         7350           k_McurrEOLMonOffset_Volt_32         12.4200137           k_MtrCurrEOLMonOffset_Volt_132         2.73520017           k_MtrCurrEOLMonOffset_Volt_162         1.38772607           k_MtrCurr_Coll_MnOffset_Volt_162         1.83914           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_132_value         1.1830914           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_132_value         1.89804521           tgt_CmMtrCurr_Per3_Volt_Mr_Urs_Volt_162_value         1.290302e-008           tgt_CmMtrCurr_Per3_Volt_Mr_Urs_Volt_162_value <td< td=""><td></td><td></td></td<>		
CmMtrCurr_MtrCurrSimZero_Volt_M_f32         1.88977249           CmMtrCurr_MtrCurrSisetH_Volt_M_f32         3           CmMtrCurr_MtrCurrSisetH_Volt_M_f32         1.85310507           CmMtrCurr_MtrCurr2SimtH_Volt_M_f32         1.85310507           CmMtrCurr_MtrCurr2SimtH_Volt_M_f32         121.535004           CmMtrCurr_MtrCurr2SimtL_Volt_M_f32         122.535004           CmMtrCurr_MtrCurr2SimtL_Volt_M_f32         27251.8008           CmMtrCurr_MtrCurrYcacmd_Volt_M_f32         49166.3633           CmMtrCurr_Vecusum_Volt_M_f32         811.594971           Rle_Inst_Sa_CmMtrCurr         tg_Rte_Inst_Sa_CmMtrCurr           k_CurrOfMoofAvg_Cnt_u16         7350           k_CurrOfMoofAvg_Cnt_u16         7350           k_MtrCurrEOLMinOffset_Volts_f32         2.73520017           k_MtrCurrEOLMinOffset_Volts_f32         1.38772807           k_MtrCurrEOLMinOffset_Volts_f32         1.38772807           k_MtrCurrEOLMinOffset_Volts_f32         1.389944           tgl_CmMtrCurr_Per3_ADOMtrCurr_Volts_f32.value         1.1839914           tgl_CmMtrCurr_Per3_ADOMtrCurr_Volts_f32.value         1.98084521           tgl_CmMtrCurr_Per3_Veol_Volt_f32.value         2.50432358           tgl_CmMtrCurr_Per3_Veol_Volt_f32.value         1.12093002e-008           tgl_Pmi_ShCurrCal_EOLMtrCurr_Odfset_Lov_Lots_f32         6.50		
CmMtrCurr_MtrCurr2OffsetH_Volt_M_f32 3 CmMtrCurr_MtrCurr2OffsetLor_Volt_M_f32 3 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 1.85310507 CmMtrCurr_MtrCurr2SumH_Volt_M_f32 12.853004 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 12.853004 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 12.853004 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 725.8008 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 49168.3633 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 49168.3633 CmMtrCurr_VecuSum_Volt_M_f32 811.594971 Rtle_Inst_Sa_CmMtrCurr k_CurroffNonOffset_Volt_M_f32 811.594971 Rtle_Inst_Sa_CmMtrCurr k_CurroffNonOffset_Volt_M_f32 12.4209137 k_MtrCurrOffLord_Corr_Cort_U16 7350 k_MaxCurroffMtrVel_Radps_f32 12.4209137 k_MtrCurrEOLMaxOffset_Volt_f32 13.8772607 k_MtrCurrEOLMinOffset_Volt_f32 13.8772607 k_MtrCurrOffLocomOff_Cort_U16 1000 tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value 1.1830914 tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value 1.88084521 tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value 1.88084521 tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value 25.0432358 tgt_CmMtrCurr_Per3_Vers_Volt_f32.value 1.12093002e-008 tgt_CmMtrCurr_Per3_Vers_Volt_f32.value 1.12093002e-008 tgt_CmMtrCurr_Per3_Vers_Volt_f32.value 1.12093002e-008 tgt_CmMtrCurr_Per3_Vers_Volt_f32.value 1.13328733 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 1.3528733 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 1.3528733 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 1.3528073 tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32 1.3541091 tgt_Ret_inst_Sa_CmMtrCurr_OmthrCurr_Per3_ADCMtrcurr_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f		
CmMtrCurr_MtrCurr2OffsetLeo_Volt_M_f32         1.85310507           CmMtrCurr_MtrCurr2SumH_Volt_M_f32         1.85310507           CmMtrCurr_MtrCurr2SumH_Volt_M_f32         121.535004           CmMtrCurr_MtrCurr2SumL_Volt_M_f32         1.62852371           CmMtrCurr_MtrCurr2SumL_Volt_M_f32         27251.8008           CmMtrCurr_MtrCurr2dCmd_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_CurrOffNoofAvg_Cnt_u16         7350           k_MtrCurrEOLMaxOffset_Volts_f32         2.73520017           k_MtrCurrEOLMinOffset_Volts_f32         1.38772607           k_MtrCurrEOLOGOMOft_Cnt_u16         1000           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         1.88084521           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         1.88084521           tgt_CmMtrCurr_Per3_Veou_Volt_f32.value         25.0432358           tgt_CmMtrCurr_Per3_VenSpd_Kpt_f32.value         1.2093002e-008           tgt_CmMtrCurr_Per3_VenSpd_Kpt_f32.value         1.12093002e-008           tgt_Pim_shCurrCal_EOLMtrCurr1OffsetLo_Volts_f32         66.5053101           tgt_Pim_shCurrCal_EOLMtrCurr1OffsetLo_Volts_f32         1.07186615           tgt_Pim_shCurrCal_EOLMt		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32         1.85310507           CmMtrCurr_MtrCurr2SumLo_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_CmMtrCurr_VecuSum_Volt_M_f32         811.594.971           Ke_Inst_Sa_CmMtrCurr         tg_Rel_inst_Sa_CmMtrCurr           k_ UnrOffNoofAvg_Cnt_u16         7350           k_ MaxCurrOffMtrVel_RadpS_f32         12.4209137           k_ MirCurrEOLMinOffset_Volts_f32         2.73520017           k_ MirCurrEOLMinOffset_Volts_f32         1.38772607           k_ MirCurrOffLoComOff_Cnt_u16         1000           tg_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         1.98084521           tg_CmMtrCurr_Per3_ADCMtrCurr_V_Volts_f32.value         1.98084521           tg_CmMtrCurr_Per3_Vecu_Volt_f32.value         1.25.0432358           tg_CmMtrCurr_Per3_Vecu_Volt_f32.value         1.120930002e-008           tg_CmMtrCurr_Per3_VerbSpd_Kph_f32.value         1.12093002e-008           tg_Pim_shCurrCal_EOLMtrCurr1OffsetLo_Volts_f32         1.33528733           tg_Pim_shCurrCal_EOLMtrCurr1OffsetLo_Volts_f32         1.33528733           tg_Pim_shCurrCal_EOLMtrCurr1OffsetLo_Volts_f32         1.33528733		
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           kc_urrOffMtoofAvg_Cnt_u16         7350           k_CurrOffMtvCuf_RabS_f32         12.4209137           k_MtrCurrEOLMaxOffset_Volts_f32         2.73520017           k_MtrCurrEOLMinOffset_Volts_f32         1.38772607           k_MtrCurrOffLoComOff_Cnt_u16         1000           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.1830914           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         12           tgt_CmMtrCurr_Per3_Wrel_MtrRadps_f32.value         12           tgt_CmMtrCurr_Per3_Verspd_Kpt_f32.value         12           tgt_CmMtrCurr_Per3_Verspd_Kpt_f32.value         1.12093002e-008           tgt_CmMtrCurr_Per3_Verspd_Kpt_f32.value         1           tgt_Pim_shCurrCal_EOLMtrCurrOffsetto_Volts_f32         66.5053101           tgt_Pim_shCurrCal_EOLMtrCurrOffsetto_Volts_f32         1.07186615           tgt_Pim_shCurrCal_EOLMtrCurr_Offsetto_Volts_f32         1.33528733           tgt_Pim_shCurrCal_EOLMtrCurr_Per		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         1.62852371           CmMtrCurr_MtrCurr2SumZero_Volt_M_f32         27251.80008           CmMtrCurr_MtrCurValCmd_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_MtrCurrEOLMinOffSet_Volts_f32         2.73520017           k_MtrCurrEOLMinOffSet_Volts_f32         1.38772607           k_MtrCurrEOLMinOffSet_Volts_f32         1.38772607           k_MtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.000           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.830914           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         12           tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value         12           tgt_CmMtrCurr_Per3_Volts_f4pf_f32.value         12           tgt_CmMtrCurr_Per3_Volts_f4pf_f32.value         1.12093002e-008           tgt_Pim_ShCurrCal_EOLMtrCurr2Offset_ovlots_f32         66.5053101           tgt_Pim_ShCurrCal_EOLMtrCurr2Offset_ovlots_f32         1.07186615           tgt_Pim_ShCurrCal_EOLMtrCurr2Offset_ovlots_f32         1.5541091           tgt_Re_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volt		
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_LoursOffNoofAvg_Cnt_u16         7350           k_MaxCurrOffMtrVel_RadpS_f32         12.4209137           k_MtrCurrEoLMinOffset_Volts_f32         2.73520017           k_MtrCurrOffLoComOff_Cnt_u16         1000           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         1.830914           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         1.98084521           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         12           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         12           tgt_CmMtrCurr_Per3_Volts_f32.value         12           tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value         12           tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value         1.12093002e-008           tgt_Pim_ShCurrCal_EDLMtrCurr2Clord_VoltCnts_f32         66.5053101           tgt_Pim_ShCurrCal_EDLMtrCurr2OffsetLo_Volts_f32         1.07186615           tgt_Pim_ShCurrCal_EDLMtrCurr2OffsetLo_Volts_f32         1.33528733           tgt_Pim_ShCurrCal_EDLMtrCurr2OffsetLo_Volts_f32         1.5541091           tgt_Ret_inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32         tgt_CmMtrCurr_Per		
CmMtrCurr_MtrcurrValCmd_VoltCnt_M_f32         49166.3633           CmMtrCurr_VecuSum_Volt_M_f32         811.594971           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffNoofAvg_Cnt_u16         7350           k_MaxCurrOffMtvVel_RadpS_f32         12.4209137           k_MtrCurrEOLMaxOffset_Volts_f32         2.73520017           k_MtrCurrEOLMinOffset_Volts_f32         1.38772607           k_MtrCurrEOLMinOffset_Volts_f32         1.38772607           k_MtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         1.000           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         1.98084521           tgt_CmMtrCurr_Per3_AbCWtrCurr2_Volts_f32.value         12           tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value         12           tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value         1.12093002e-008           tgt_CmMtrCurr_Per3_VeSpd_Kph_f32.value         1.12093002e-008           tgt_Pim_ShCurrCal_EOLMtrCurrVcalCmd_VoltCnts_f32         66.5053101           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         1.07186615           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         1.33528733           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32         2.92991114           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32         1.5541091           tgt_Rie_inst_Sa_CmMtrCurr_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32		
CmMtrCurr_VecuSum_Volt_M_f32         811.594971           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffNoofAvg_Cnt_u16         7350           k_MaxCurrOffMtvVel_RadpS_f32         12.4209137           k_MtrCurrEOLMaxOffset_Volts_f32         2.73520017           k_MtrCurrEOLMinOffset_Volts_f32         1.38772607           k_MtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         1000           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         1.830914           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         12           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         12           tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value         12           tgt_CmMtrCurr_Per3_VenSpd_Kph_f32_value         1.12093002e-008           tgt_CmMtrCur_Per3_VenSpd_Kph_f32_value         1.12093002e-008           tgt_Pim_ShCurrCal_EOLMtrCurrVcalCmd_VoltCnts_f32         66.5053101           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         1.07186615           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         1.33528733           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32         2.92991114           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32         1.554109           tgt_Rie_inst_Sa_CmMtrCurr_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32           tgt_Rie_inst_Sa_C		
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_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_Vency_Volt_f32.value         1.12093002e-008           tgt_Pim_ShCurrCal_EOLMtrCurrVcalCm_VoltCnts_f32         66.5053101           tgt_Pim_ShCurrCal_EOLMtrCurrVcalCm_VoltCnts_f32         1.07186615           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         1.33528733           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32         1.354091           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32         1.5541091           tgt_Pim_Sh_CurrCal_EOLMtrCurr_Per3_ADCMtrCurr1_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32           tgt_Pim_Sh_CurrCal_EOLMtrCurr_Per3_ADCMtrCurr1_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32           tgt_Pim_Sh_CurrCal_EOLMtrCurr_Per3_ADCMtrCurr1_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32           tgt_Pim_Sh_CurrCal		
k_CurrOffNordAvg_Cnt_u16         7350           k_MaxCurrOffMtrVel_RadpS_f32         12.4209137           k_MtrCurrEOLMaxOffset_Volts_f32         2.73520017           k_MtrCurrOffLoComOff_Cnt_u16         1000           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value         1.1830914           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value         1.98084521           tgt_CmMtrCurr_Per3_Vency_Colt_f32.value         12           tgt_CmMtrCurr_Per3_Vency_Colt_f32.value         25.0432358           tgt_CmMtrCurr_Per3_Vency_Colt_f32.value         25.0432358           tgt_CmMtrCurr_Per3_Vency_Colt_f32.value         1.12093002e-008           tgt_Pim_ShCurrCal_EOLMtrCurrVency_Colt_Gold_Colt_f02.value         1           tgt_Pim_ShCurrCal_EOLMtrCurrY_Colt_Gold_VoltCnts_f32         66.5053101           tgt_Pim_ShCurrCal_EOLMtrCurrOffSetLo_Volts_f32         1.07186615           tgt_Pim_ShCurrCal_EOLMtrCurrOffSetLo_Volts_f32         1.33528733           tgt_Pim_ShCurrCal_EOLMtrCurrOffSetLo_Volts_f32         2.92991114           tgt_Pim_ShCurrCal_EOLMtrCurrOffSetDiff_Volts_f32         1.5541091           tgt_Rie_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32         1tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32           tgt_Rie_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32         1tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32           tgt_CmMtrCurr_Per3_ADCMtrCurr_Per3_ADC		
k_MaxCurrOffMtrVel_RadpS_f32       12.4209137         k_MtrCurrEOLMaxOffset_Volts_f32       2.73520017         k_MtrCurrOffLoComOff_Cnt_u16       1000         tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value       1.1830914         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value       1.98084521         tgt_CmMtrCurr_Per3_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_VehSpd_Kph_f32.value       1.12093002e-008         tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32       66.5053101         tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32       1.07186615         tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_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_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32       tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32         tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16       tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
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_VehSpd_Valid_Cnt_lgc.value         1           tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32         66.5053101           tgt_Pim_ShCurrCal.EOLMtrCurr/OffsetLo_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_CmttrCurr_Per3_ADCMtrCurr_Per3_ADCMtrCurr2_Volts_f32         tgt_CmttrCurr_Per3_ADCMtrCurr2_Volts_f32           tgt_CmttrCurr_Per3_ComOffset_Cnt_u16         tgt_CmttrCurr_Per3_ComOffset_Cnt_u16	- <del>-</del> -	
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_VhSpd_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_CmMtrCurr_Per3_ComOffset_Cnt_u16       tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
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_Vexu_Volt_f32.value       25.0432358         tgt_CmMtrCurr_Per3_Vexppd_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_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value  tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value  tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value  tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value  tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value  tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value  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  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_CmMtrCurr_Per3_Veol_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.EOLMtrCurrOffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value  tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  2.92991114  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  1.5541091  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_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_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr.Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr.CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
TOLE THE CONTINUE OF THE CONTI	tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32





Name	Input Value			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	48	48 ± 1	<b>✓</b>	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	<b>✓</b>	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>	
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.4301908	2.4301908 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.4301908	2.4301908 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.35220647	1.35220647 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2565.43408	2565.43408 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.18977249	1.18977249 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.85310507	1.85310507 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	121.535004	121.535004 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3.6093688	3.6093688 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	49166.3633	49166.3633 ± 0.001	~	
CmMtrCurr_VecuSum_Volt_M_f32	811.594971	811.594971 ± 0.0009765625	<b>✓</b>	
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	1000	1000 ± 1	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	66.5053101	66.5053101 ± 0.004	<b>✓</b>	
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				<b>✓</b>
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	<b>✓</b>

Test Step 2.54 (Repeat Count = 1)	<b>✓</b>
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	3	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f	32	
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_lg		
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	~
t_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 t_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 t_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 t_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 t_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 t_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 t_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 t_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 t_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Valid_Cnt_lgc t_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal  ame  Actual Value  ### Expected Value  ### ### ### ### ### ### ### ### ### #			

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	49	49 ± 1	<b>✓</b>
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.89845324	2.89845324 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.79951966	1.79951966 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.79951966	1.79951966 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	4.52804279	4.52804279 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.43861294	2.43861294 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	132.664993	132.664993 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.6518712	1.6518712 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	51315.3594	51315.3594 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	822.724976	822.724976 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	1050	1050 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	63330.0391	63330.0391 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.78589034	2.78589034 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.26931763	2.26931763 ± 0.0003	~

T				<b>✓</b>
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)	<b>✓</b>
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	49
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	3
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.25399995
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.69485998
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.76121855
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.55947113
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	143.794998
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	50000
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	33134.0195
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	70020.0547
CmMtrCurr_VecuSum_Volt_M_f32	833.85498
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	8350
k_MaxCurrOffMtrVel_RadpS_f32	9.910882
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	2.75472307
k_MtrCurrOffLoComOff_Cnt_u16	1100
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.20388198
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.78112721
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9

CmMtrCurr\_Per3

2016-07-24, 14:02:18+0530



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  $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 69826.0703 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 2.46081305  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$ tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32 1.26964259  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32$ tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32$ tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal tgt Pim ShCurrCal

igi_Rie_insi_5a_Chimiticum.Pim_5hCunCai	Igi_Pilli_Silculical		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	50	50 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	<b>~</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>~</b>
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>~</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.25399995	3.25399995 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.69485998	1.69485998 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.76121855	1.76121855 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	4.20388222	4.20388222 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	•
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.55947113	1.55947113 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235	2.69362235 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	143.794998	143.794998 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	50002.7813	50002.7813 ± 0.0003	<b>✓</b>
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	<b>~</b>
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				<b>✓</b>
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)		<b>✓</b>
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	50	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.57795274	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.98539996	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3.75889993	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	29.4384918	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	1.19170594	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.27125239	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.39812922	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	154.925003	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.25399995	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	36075.1289	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	13451.8496	
CmMtrCurr_VecuSum_Volt_M_f32	844.984985	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrOffNoofAvg_Cnt_u16	8850	
k_MaxCurrOffMtrVel_RadpS_f32	11.8731699	

CmMtrCurr\_Per3

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Input Value k\_MtrCurrEOLMaxOffset\_Volts\_f32 2.88271761 k\_MtrCurrEOLMinOffset\_Volts\_f32 2.64306164 k\_MtrCurrOffLoComOff\_Cnt\_u16 1150 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32.value tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32.value 0.716357231 tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32.value tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32.value 23.9801941 1.62093006e-008  $tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32.value$ tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc.value  $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 56485.5195 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 1.20154941 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 2.93720007 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32 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

igi_rttc_mst_oa_ominitodir.i im_onodirodi	tgt_r iiii_oilodiiodi		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	51	51 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	•
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.97035718	2.97035718 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	13451.8496	13451.8496 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	844.984985	844.984985 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	1150	1150 ± 1	•
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56485.5195	56485.5195 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.20154941	1.20154941 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.93720007	2.93720007 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.55611205	1.55611205 ± 0.0003	<b>✓</b>

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>✓</b>

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_Cn	t_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRad	lpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_t	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_C	nt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	52	52 ± 1	•
Continue Composition III- Management	OUDDOEF ZEDOAVEDAGE	OUDDOEF ZEDOMYEDAGE	

90.000000000000000000000000000000000000	190		
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	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.22838211	2.22838211 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.09065461	1.09065461 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

T				<b>✓</b>
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	<b>~</b>

Test Step 2.58 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	52	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.43832135	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.75889993	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	16.249506	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.15069818	

CmMtrCurr\_Per3



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		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRad	pS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f3	32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VhSpdValid Cnt Igc	tgt CmMtrCurr Per3 VhSpdValid Cr		
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal		
Name	Actual Value	Expected Value	Resul
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	
	-	0.0000	

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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.43832135	2.43832135 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	16.249506	16.249506 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.7247448	2.7247448 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

Τ				
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

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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	Volte f32	
		_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ADCMtrCurr2_' tgt_CmMtrCurr_Per3_ComOffset_Cnr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRad	_	
		po_132	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	22	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cr	nt_igc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	I=	
Name	Actual Value	Expected Value	Resul
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	•

ig_rtto_mot_ou_crimite currir im_criourrour	tg_r iii_ciicuircui		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	54	54 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.79118037	2.79118037 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.40540409	2.40540409 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.52099991	4.52099991 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	8.32323647	8.32323647 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.71490192	2.71490192 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	266.313141	266.31311 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.80599678	1.80599678 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.37993598	2.37993598 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	188.315002	188.315002 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	29.4384918	29.4384918 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	60901.1875	60901.1875 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.85061121	1.85061121 ± 0.0003	~
tot Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.00795436	2.00795436 ± 0.0003	<b>✓</b>

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	~

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Test Step 2.60 (Repeat Count = 1)	<b>√</b>
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	



Τ				<b>✓</b>
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	<b>✓</b>

Test Step 2.61 (Repeat Count = 1)			•	
Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	55			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	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			
	7.10547543			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	1.82093007e-008			
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value				
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_\	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_\			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadp	pS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f	32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cr	nt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resul	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	56	56 ± 1	•	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_ZEROAVERAGE	CURROFF_ZEROAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	•	
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	•	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003		
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.52099991	4.52099991 ± 0.0003		
CmMtrCurr MtrCurr1OffsetZero Volt M f32	4.19999981	4.19999981 ± 0.0003	•	
CmMtrCurr MtrCurr1SumHi Volt M f32	26.5270271	26.5270271 ± 0.0003	•	
CmMtrCurr MtrCurr1SumLo Volt M f32	3	3 ± 0.0003		
CmMtrCurr MtrCurr1SumZero Volt M f32	3.65128636	3.65128636 ± 0.0003		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.06164098	2.06164098 ± 0.0003		
CmMtrCurr MtrCurr2OffsetLo Volt M f32	1.28129196	1.28129196 ± 0.0003		
Omiviti Ouri_IVIti OurizOnsetLO_VOIt_IVI_132	1.20129190	1.20129190 ± 0.0003		

2.68251061

2.39488578

16.249506

50001.7109

64880.5586

900.63501

 $tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value$ 

 $CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32$ 

 $CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32$ 

 $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 

CmMtrCurr\_VecuSum\_Volt\_M\_f32

 $CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32$ 

 $CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32$ 

2.68251061 ± 0.0003 2.39488578 ± 0.0003

16.249506 ± 0.0003 50001.7109 ± 0.0003

64880.5586 ± 0.001

0 ± 1

900.63501 ± 0.0009765625





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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.16573894	1.16573894 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.52786815	1.52786815 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

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	<b>✓</b>	

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	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	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_ADCMt			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOff			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_V	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpc	- · -		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpd\	/alid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	<u> </u>		
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	57	57 ± 1	_	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	57	57 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_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	<b>✓</b>





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	<b>✓</b>
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	<b>✓</b>

T				<b>✓</b>
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	<b>✓</b>

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	1.020930076-006			
tgt_Crimiticum_rei3_vriopuvalid_Crit_igc.value tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	62447.9336			
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	1.77314484			
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo_volts_132	2.8215363			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.66199911			
tgt_Pim_ShCurrCal.EOLMtrCurrOnsetDin_volts_132 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.22172582			
		Volte f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_\ tot_CmMtrCurr_Por3_ADCMtrCurr2_\	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_\	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_ComOffset_Cnt tgt_CmMtrCurr_Per3_MtrVel_MtrRad			
		μο_192		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cr	ıı_ıgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	1=	1_	
Name	Actual Value	Expected Value	Resu	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	57	57 ± 1		

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	57	57 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.19999981	4.19999981 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~

CmMtrCurr\_Per3

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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	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.69245267	2.69245267 ± 0.0003	~
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30.7622643	30.7622643 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.93037891	2.93037891 ± 0.0003	<b>✓</b>
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	~

Т					
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)		<b>✓</b>
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		

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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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5	4.5 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	5.44003773	5.44003773 ± 0.0003	<b>→</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	<b>→</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.27791405	2.27791405 ± 0.0003	<b>-</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.84746766	2.84746766 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.70743656	1.70743656 ± 0.0003	-
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	26.5270271	26.5270271 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>-</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	66635.5391	66635.5391 ± 0.001	<b>-</b>
CmMtrCurr_VecuSum_Volt_M_f32	934.025024	934.025024 ± 0.0009765625	<b>-</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>→</b>
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	~

Τ					
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)	<b>√</b>
Name	Input Value
CmMtrCurr CurrOffAvgCounter Cnt M u16	59
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1
CmMtrCurr CurroffProcessFlag M enum	1
CmMtrCurr MtrCurr1OffsetHi Volt M f32	1.24453545
CmMtrCurr MtrCurr1OffsetLo Volt M f32	4.400001
CmMtrCurr MtrCurr1OffsetZero Volt M f32	4.5999999
CmMtrCurr MtrCurr1SumHi Volt M f32	2.86287165
CmMtrCurr MtrCurr1SumLo Volt M f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.24005342
CmMtrCurr MtrCurr2OffsetHi Volt M f32	2.97318363
CmMtrCurr MtrCurr2OffsetLo Volt M f32	2.54518676
CmMtrCurr MtrCurr2OffsetZero Volt M f32	2.804142
CmMtrCurr MtrCurr2SumHi Volt M f32	2.5382781
CmMtrCurr MtrCurr2SumLo Volt M f32	23.799696
CmMtrCurr MtrCurr2SumZero Volt M f32	1.72795427
CmMtrCurr MtrCurrValCmd VoltCnt M f32	42507.0195
CmMtrCurr VecuSum Volt M f32	945.155029
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k CurrOffNoofAvg Cnt u16	14
k MaxCurrOffMtrVel RadpS f32	4.04353189
k MtrCurrEOLMaxOffset Volts f32	1.7062211
k MtrCurrEOLMinOffset Volts f32	2.0999999
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 Igc.value	1
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	33614.7266
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	2.36289644
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.42268705
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	1.71854186
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	2.17331958
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32

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 Name
 Input Value

 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32
 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32

 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32
 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32

 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc
 tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc

 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal
 tgt\_Pim\_ShCurrCal

 Name
 Actual Value
 Expected Value
 Resul

 CmMtrCurr\_CurrOffState\_Uls\_M\_enum
 CURROFF\_INTIALISE
 CURROFF\_INTIALISE

 CmMtrCurr\_CurrOffTrimFlag\_Cnt\_M\_lgc
 0
 0

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	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	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.24005342	2.24005342 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	23.799696	23.799696 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.72795427	1.72795427 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	42507.0195	42507.0195 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	945.155029	945.155029 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	33614.7266	33614.7266 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.36289644	2.36289644 ± 0.0003	<b>✓</b>
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	~

Τ				<b>✓</b>
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	<b>✓</b>

Test Step 2.66 (Repeat Count = 1)	<b>✓</b>
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

CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32

tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value

 $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ 

CmMtrCurr\_VecuSum\_Volt\_M\_f32





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_C	nt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	dpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3:	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	60	60 ± 1	-
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	-
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.81754565	2.81754565 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.69999981	4.69999981 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.11536908	2.11536908 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	12546.25	12546.25 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.64458537	2.64458537 ± 0.0003	<b>✓</b>
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	<b>✓</b>

Т				
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	<b>✓</b>

50648.5977

956.284973

36573.0195

1.17193532

2.49366164

1.44606352

1.89337552

0

50648.5977 ± 0.001

36573.0195 ± 0.004

1.17193532 ± 0.0003

2.49366164 ± 0.0003

1.44606352 ± 0.0003 1.89337552 ± 0.0003

0 ± 1

956.284973 ± 0.0009765625

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

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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_f3	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result

tgt_tte_mst_sa_cmivitcun.Filin_shourtean	tgt_Filli_Silouiroai		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	61	61 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	✓
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.80000019	4.80000019 ± 0.0003	•
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	•
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.78895056	1.78895056 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.16022956	1.16022956 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	5.44003773	5.44003773 ± 0.0003	✓
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457	33953.457 ± 0.001	✓
CmMtrCurr_VecuSum_Volt_M_f32	967.414978	967.414978 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	68435.9531	68435.9531 ± 0.004	<b>✓</b>
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	•

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.68 (Repeat Count = 1)		✓.
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	62	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.26628852	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.92550302	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	18428.4707	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.99545753	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.509166	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.38954449	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.66323638	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	2.86287165	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.20921946	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55850.0508	
CmMtrCurr_VecuSum_Volt_M_f32	978.544983	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
k_CurrOffNoofAvg_Cnt_u16	147	
k_MaxCurrOffMtrVel_RadpS_f32	15.0749359	

CmMtrCurr\_Per3

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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 1.72093007e-008  $tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32.value$ tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc.value  $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 45636.1367 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 1.72630322 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 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

igi_rttc_mst_oa_omwitodir.rim_onodirodi	tgt_r iiii_oilodiiodi		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	62	62 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.26628852	2.26628852 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.72630322	1.72630322 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.08261728	2.08261728 ± 0.0003	<b>✓</b>
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.59304428	1.59304428 ± 0.0003	<b>✓</b>

Τ				<b>✓</b>
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	<b>✓</b>

Test Step 2.69 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	0	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	0	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.38621521	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.19170594	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.75171995	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.32500005	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.34348607	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.49885356	

CmMtrCurr\_Per3

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Input Value  $CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32$ 1.53830063 CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 9725.94531 CmMtrCurr\_VecuSum\_Volt\_M\_f32 989.674988 Rte\_Inst\_Sa\_CmMtrCurr tgt\_Rte\_Inst\_Sa\_CmMtrCurr k\_CurrOffNoofAvg\_Cnt\_u16 258 k\_MaxCurrOffMtrVel\_RadpS\_f32 8.86568737 k\_MtrCurrEOLMaxOffset\_Volts\_f32 3  $k\_MtrCurrEOLMinOffset\_Volts\_f32$ k\_MtrCurrOffLoComOff\_Cnt\_u16 1200 0.744054079 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32.value tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32.value 1.20999026 tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32.value tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32.value 30.8183956 tgt CmMtrCurr Per3 VehSpd Kph f32.value 1 12093002e-008 tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc.value 30670.2969 tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 2.57652688 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 2.05092359  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$ 2.04884481 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32 2.97813463 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32$ tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32

tgt\_Rte\_Inst\_Sa\_CmMtrCurr\_CmStrCurr2\_volts\_f32
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_volts\_f32
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_volts\_f32
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_vecu\_volt\_f32
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_vecu\_volt\_f32
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_vehSpd\_Kph\_f32
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_vehSpd\_Kph\_f32
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_vehSpd\_Kph\_f32
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_vehSpd\_Valid\_Cnt\_lgc
tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal

Name

Actual Value

E

CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16

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	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	0	0 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.38621521	1.38621521 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.19170594	1.19170594 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.75171995	1.75171995 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.34348607	2.34348607 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.49885356	1.49885356 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.53830063	1.53830063 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	9725.94531	9725.94531 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	989.674988	989.674988 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	30670.2969	30670.2969 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.57652688	2.57652688 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.05092359	2.05092359 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.04884481	2.04884481 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.97813463	2.97813463 ± 0.0003	<b>✓</b>

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.70 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	5	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.3681531	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	12546.25	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	24310.6895	

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CmMtrCurr_Per3			razolitat
Name	Input Value		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.81125057		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.06366134		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	33134.0195		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.2478286		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	44400.6758		
CmMtrCurr_VecuSum_Volt_M_f32	1000.80499		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	459		
k_MaxCurrOffMtrVel_RadpS_f32	15.1356554		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	1.75381374		
k_MtrCurrOffLoComOff_Cnt_u16	1250		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.33343601		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.1714673		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	15		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.564992		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	659.655212		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.62237978		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.62126434		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF	RadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
CmMtrCurr CurrOffAvgCounter Cnt M u16	64	64 ± 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	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_MtrCurr2SumZoro_Volt_M_f22	1.2470200	1.247 0200 I 0.0003	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

3

44400.6758

1000.80499

659.655212

2.62237978

1.62126434

3 ± 0.0003

3 ± 0.0003

3 ± 0.0003

0 ± 1

44400.6758 ± 0.001

659.655212 ± 0.004

2.62237978 ± 0.0003

1.62126434 ± 0.0003

1000.80499 ± 0.0009765625

Test Step 2.71 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	100
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1

CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32

CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32

tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value

 $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 

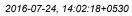
tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$ 

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ 

CmMtrCurr\_VecuSum\_Volt\_M\_f32





CmMtrCurr_Per3			Razorcat
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	10.2349997		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.98569989		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	36075.1289		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.75711107		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	66466.9297		
CmMtrCurr_VecuSum_Volt_M_f32	1011.935		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
<_CurrOffNoofAvg_Cnt_u16	357		
<pre>&lt;_MaxCurrOffMtrVel_RadpS_f32</pre>	7.43185806		
_MtrCurrEOLMaxOffset_Volts_f32	2.60659194		
_MtrCurrEOLMinOffset_Volts_f32	1.60813093		
_MtrCurrOffLoComOff_Cnt_u16	1300		
gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.322858572		
gt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.601245165		
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	7		
gt_CmMtrCurr_Per3_Vecu_Volt_f32.value	30.379221		
gt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.72093007e-008		
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
gt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10412.2559		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.08674288		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.83028007		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu	rr1 Volts f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32			
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_Mtr		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_K	ph_f32	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	d_Cnt_lgc	
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	100	100 ± 1	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	
CmMtrCurr CurroffProcessFlag M enum	3	3	
CmMtrCurr MtrCurr1OffsetHi Volt M f32	2	2 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.25399995	2.25399995 ± 0.0003	
CmMtrCurr MtrCurr1OffsetZero Volt M f32	1.1426152	1.1426152 ± 0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	10.2349997	10.2349997 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2	2 ± 0.0003	
CmMtrCurr MtrCurr2OffsetLo Volt M f32	3	3 ± 0.0003	

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	100	100 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2	2 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.25399995	2.25399995 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.1426152	1.1426152 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	15487.3604	15487.3604 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	10.2349997	10.2349997 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2	2 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.98569989	3.98569989 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.75711107	2.75711107 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	66466.9297	66466.9297 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1011.935	1011.935 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	10412.2559	10412.2559 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.08674288	2.08674288 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.83028007	1.83028007 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~



Test Step 2.72 (Repeat Count = 1)			V
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 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 3		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.16677904		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.603158		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1 Volts f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_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	Danulé
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	500		Result
		500 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	CURROFF_INTIALISE 0	CURROFF_INTIALISE 0	· ·
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum	CURROFF_INTIALISE 0 3	CURROFF_INTIALISE 0 3	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	CURROFF_INTIALISE 0 3 3	CURROFF_INTIALISE 0 3 3±0.0003	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	CURROFF_INTIALISE 0 3 1.03766644	CURROFF_INTIALISE 0 3 3 ± 0.0003 1.03766644 ± 0.0003	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	CURROFF_INTIALISE 0 3 1.03766644 3	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003	• • • • • • • • • • • • • • • • • • •
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707 30192.9102	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707 30192.9102 21.3649998	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003  21.3649998 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707 30192.9102	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003  21.3649998 ± 0.0003  3 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHo_Volt_M_f32	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003  21.3649998 ± 0.0003  3 ± 0.0003  1 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003  21.3649998 ± 0.0003  3 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003  21.3649998 ± 0.0003  3 ± 0.0003  1 ± 0.0003  1.93872654 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654 39016.2383	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003  21.3649998 ± 0.0003  3 ± 0.0003  1 ± 0.0003  1.93872654 ± 0.0003  39016.2383 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654 39016.2383 1.74210644	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003  21.3649998 ± 0.0003  3 ± 0.0003  1 ± 0.0003  1.93872654 ± 0.0003  39016.2383 ± 0.0003  1.74210644 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654 39016.2383 1.74210644 3	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003  21.3649998 ± 0.0003  3 ± 0.0003  1 ± 0.0003  1.93872654 ± 0.0003  39016.2383 ± 0.0003  1.74210644 ± 0.0003  3 ± 0.0003	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654 39016.2383 1.74210644 3 17001.7754	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003  21.3649998 ± 0.0003  3 ± 0.0003  1 ± 0.0003  1.93872654 ± 0.0003  39016.2383 ± 0.0003  1.74210644 ± 0.0003  3 ± 0.0003  17001.7754 ± 0.001	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654 39016.2383 1.74210644 3 17001.7754 1023.065	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  21.3649998 ± 0.0003  21.3649998 ± 0.0003  1 ± 0.0003  1 ± 0.0003  1.93872654 ± 0.0003  39016.2383 ± 0.0003  1.74210644 ± 0.0003  3 ± 0.0003  17001.7754 ± 0.001  1023.065 ± 0.0009765625	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	CURROFF_INTIALISE 0 3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654 39016.2383 1.74210644 3 17001.7754 1023.065 0	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003  21.3649998 ± 0.0003  3 ± 0.0003  1 ± 0.0003  1.93872654 ± 0.0003  39016.2383 ± 0.0003  1.74210644 ± 0.0003  3 ± 0.0003  17001.7754 ± 0.001  1023.065 ± 0.0009765625  0 ± 1	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 tgt_CmMtrCurr_Sum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	CURROFF_INTIALISE  0  3  3  1.03766644  3  18428.4707  30192.9102  21.3649998  3  1  1.93872654  39016.2383  1.74210644  3  17001.7754  1023.065  0  16989.8633  3  1.16677904	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003  21.3649998 ± 0.0003  3 ± 0.0003  1 ± 0.0003  1.93872654 ± 0.0003  39016.2383 ± 0.0003  1.74210644 ± 0.0003  3 ± 0.0003  17001.7754 ± 0.001  1023.065 ± 0.0009765625  0 ± 1  16989.8633 ± 0.004  3 ± 0.0003  1.16677904 ± 0.0003	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_CurrOffTrimFlag_Ont_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrPalCmd_VoltCnt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurrVoffsetLo_Volts_f32	CURROFF_INTIALISE  0 3 3 1.03766644 3 18428.4707 30192.9102 21.3649998 3 1 1.93872654 39016.2383 1.74210644 3 17001.7754 1023.065 0 16989.8633 3	CURROFF_INTIALISE  0  3  3 ± 0.0003  1.03766644 ± 0.0003  3 ± 0.0003  18428.4707 ± 0.0003  30192.9102 ± 0.0003  21.3649998 ± 0.0003  3 ± 0.0003  1 ± 0.0003  1.93872654 ± 0.0003  39016.2383 ± 0.0003  1.74210644 ± 0.0003  3 ± 0.0003  17001.7754 ± 0.001  1023.065 ± 0.0009765625  0 ± 1  16989.8633 ± 0.004  3 ± 0.0003	· · · · · · · · · · · · · · · · · · ·



Τ				<b>✓</b>
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	<b>✓</b>

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			
<_CurrOffNoofAvg_Cnt_u16	369			
C_MaxCurrOffMtrVel_RadpS_f32	3.21255112			
MtrCurrEOLMaxOffset Volts f32	1.80947685			
MtrCurrEOLMinOffset Volts f32	2.55062389			
<pre>&lt;_MtrCurrOffLoComOff_Cnt_u16</pre>	1400			
gt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	3			
	0.893047094			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value				
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			
gt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	24752.502			
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.42258453			
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.98788738			
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.54850125			
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3			
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	1_Volts_f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	32		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	n_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Vame	Actual Value	Expected Value	Resu	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1000	1000 ± 1		
CmMtrCurr CurrOffState UIs 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 MtrCurr1SumZoro Volt M f22	32.4949989	32.4949989 ± 0.0003		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	l			
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.13578081	2.13578081 ± 0.0003		
	2.13578081 3 2.69017243	2.13578081 ± 0.0003 3 ± 0.0003 2.69017243 ± 0.0003		

41957.3516

2.5924716

1.08553576

50195.6016

1034.19495

0

CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32

 $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 

CmMtrCurr\_VecuSum\_Volt\_M\_f32

CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32

 $CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32$ 

41957.3516 ± 0.0003

2.5924716 ± 0.0003

1.08553576 ± 0.0003

1034.19495 ± 0.0009765625

50195.6016 ± 0.001

0 ± 1





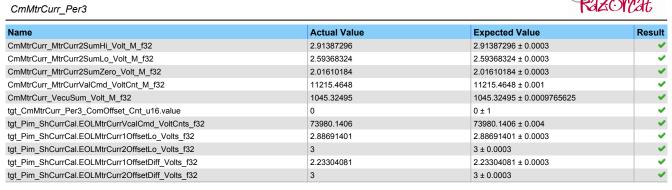
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	24752.502	24752.502 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.42258453	2.42258453 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.98788738	1.98788738 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.54850125	1.54850125 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.74 (Repeat Count = 1)			✓	
Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	1500			
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	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	00		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f	32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_VebSpd_Kpb_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	Formanda d Walne	D 14	
Name	Actual Value	Expected Value	Result	
CmMtrCurr CurrOffAvqCounter Cnt M u16	1500	1500 ± 1	<b>▼</b>	

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	~





T				<b>✓</b>
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	<b>✓</b>

Test Step 2.75 (Repeat Count = 1)	Imput Value		
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_ADCMtr0	Curr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0	Curr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffs	set_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_M	MtrRadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Vd		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdV	- · <del>-</del>	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvaCounter Cnt M u16	2000	2000 ± 1	Resul

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2000	2000 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>~</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>~</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.6402266	1.6402266 ± 0.0003	<b>✓</b>
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	<b>✓</b>

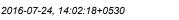
T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

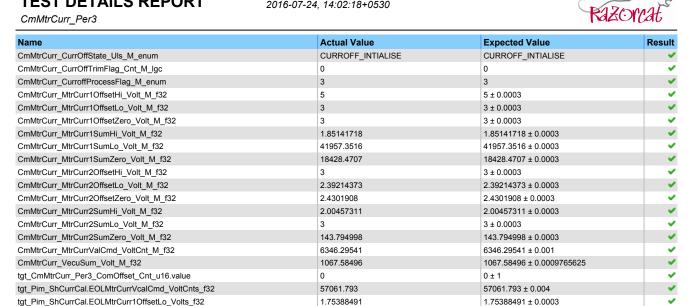
Test Step 2.76 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2500			
CmMtrCurr CurrOffState Uls M enum	CURROFF CALC			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1			
CmMtrCurr CurroffProcessFlag M enum	3			
CmMtrCurr MtrCurr1OffsetHi Volt M f32	5			
CmMtrCurr MtrCurr1OffsetLo 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_	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2500	2500 ± 1	<b>✓</b>	

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$ 

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ 





T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	-

1.48521161

2.9058547

3

1.48521161 ± 0.0003

2.9058547 ± 0.0003

3 ± 0.0003

Test Step 2.77 (Repeat Count = 1)	<b>√</b>
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3000
CmMtrCurr CurrOffState UIs M enum	CURROFF CALC
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1
CmMtrCurr CurroffProcessFlag M enum	3
CmMtrCurr MtrCurr1OffsetHi Volt M f32	2.56800008
CmMtrCurr MtrCurr1OffsetLo Volt M f32	1.69100952
CmMtrCurr MtrCurr1OffsetZero Volt M f32	1.07224905
CmMtrCurr MtrCurr1SumHi Volt M f32	3
CmMtrCurr MtrCurr1SumLo Volt M f32	44898.4609
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	21369.5801
CmMtrCurr MtrCurr2OffsetHi Volt M f32	1.1591742
CmMtrCurr MtrCurr2OffsetLo Volt M f32	3
CmMtrCurr MtrCurr2OffsetZero Volt M f32	1.79951966
CmMtrCurr MtrCurr2SumHi Volt M f32	1.7779721
CmMtrCurr MtrCurr2SumLo Volt M f32	3
CmMtrCurr MtrCurr2SumZero Volt M f32	154.925003
CmMtrCurr MtrCurrValCmd VoltCnt M f32	149.294815
CmMtrCurr VecuSum Volt M f32	1078.71497
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k CurrOffNoofAvg Cnt u16	98
k MaxCurrOffMtrVel RadpS f32	19.0508652
k MtrCurrEOLMaxOffset Volts f32	1.42972541
k MtrCurrEOLMinOffset Volts f32	3
k MtrCurrOffLoComOff Cnt u16	587
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	1.15866017
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	1.91205668
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	19
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	20.5213528
tgt CmMtrCurr Per3 VehSpd Kph f32.value	1,72093007e-008
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	64245.7344
tgt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	3
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32
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Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	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	<b>~</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.78 (Repeat Count = 1)	<b>✓</b>
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

CmMtrCurr\_Per3

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Input Value tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32 3 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32$ tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32$ tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32$ tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32$  $tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32$  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc$ tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc tgt\_Rte\_Inst\_Sa\_CmMtrCurr.Pim\_ShCurrCal tgt\_Pim\_ShCurrCal

tgt_rte_mst_sa_cmintrount.rim_shourdar	tgt_Filit_Silicultoal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3500	3500 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.0455637	2.0455637 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.14313006	2.14313006 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	<b>~</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1	1 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.03679204	2.03679204 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.25399995	3.25399995 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	27387.8652	27387.8652 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	1089.84497	1089.84497 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	56380.6055	56380.6055 ± 0.004	<b>✓</b>
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	<b>~</b>

Τ				<b>✓</b>
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	<b>✓</b>

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		

CmMtrCurr\_Per3



Name	Input Value
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	28.2243862
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.82093007e-008
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	53916.1016
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc
tgt Rte Inst Sa CmMtrCurr.Pim ShCurrCal	tgt Pim ShCurrCal

tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	4000	4000 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.60292649	2.60292649 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.94488144	2.94488144 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	99.2750015	99.2750015 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	43.625	43.625 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	21.3649998	21.3649998 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.25156271	1.25156271 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	177.184998	177.184998 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	54731.1328	54731.1328 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	1100.97498	1100.97498 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	53916.1016	53916.1016 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>~</b>

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.80 (Repeat Count = 1)		<b>✓</b>
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	

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CmMtrCurr\_Per3

CMMtrCurr_Per3			MACICAL
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_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF	RadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	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	✓

Τ				<b>✓</b>
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	<b>✓</b>

1112.10498

14487.7334

2.96119714

2.35539818

1.05737138

1112.10498 ± 0.0009765625

14487.7334 ± 0.004

2.96119714 ± 0.0003

2.35539818 ± 0.0003

1.05737138 ± 0.0003

0 ± 1

3 ± 0.0003

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	

CmMtrCurr\_VecuSum\_Volt\_M\_f32

tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value

tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$ 

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ 





Name	Input Value			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	0			
CmMtrCurr_VecuSum_Volt_M_f32	1123.23499	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_ADCMtrCurr	1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	tadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl	n_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resul	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5000	5000 ± 1	•	
CmMtrCurr CurrOffState Ills M enum	CURROFF INTIALISE	CURROFF INTIALISE		

@	19.2		
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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.9000001	2.9000001 ± 0.0003	•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5	1.5 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.35347366	1.35347366 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	121.535004	121.535004 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	65.8850021	65.8850021 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.75889993	3.75889993 ± 0.0003	•
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	43.625	43.625 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	12546.25	12546.25 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	199.445007	199.445007 ± 0.0003	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	<b>~</b>
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	

CmMtrCurr\_Per3

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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_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	1=	1
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	~
1 1 B: 010 0 1 E0111 0 00% II 1/ II 600		4.5 . 0.0000	. 4

Τ					
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	<b>✓</b>	
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~	

1.5

1.4000001

1.4000001

1.5 ± 0.0003 1.39999998 ± 0.0003

1.39999998 ± 0.0003

Test Step 2.83 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6000

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32\\ tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32\\$ 

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CmMtrCurr_Per3			Tazoltat
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_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpl	n_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6000	6000 ± 1	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	
CmMtrCurr_CurroffProcessFlag_M_enum	2	2	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.9000001	2.9000001 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.5	1.5 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.13700366	2.13700366 ± 0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	143.794998	143.794998 ± 0.0003	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	88.1449966	88.1449966 ± 0.0003	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	39016.2383	39016.2383 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.9000001	2.9000001 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.5	1.5 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	65.8850021	65.8850021 ± 0.0003	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	221.705002	221.705002 ± 0.0003	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	32658.5	32658.5 ± 0.001	
CmMtrCurr_VecuSum_Volt_M_f32	1145.495	1145.495 ± 0.0009765625	
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	
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	1.3999998 ± 0.0003	
tot Pim ShCurrCal FOI MtrCurr2OffsetDiff Volts f32	1 400001	1 3999998 + 0 0003	

1.4000001

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ 

1.39999998 ± 0.0003



Т					
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)	Input Volus			
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 Igc.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 ADCM	trCurr1 Volte f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt_CmMtrCurr_Per3_ADCM			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComO			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt_CmMtrCurr_Per3_ComO			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_'	<del>- ' -</del>		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSp	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_vhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpd			
		valid_Ont_ige		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	l=		
Name	Actual Value	Expected Value	Resul	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6500	6500 ± 1	'	

@C	90		
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	<b>✓</b>
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	<b>✓</b>

T				<b>✓</b>
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	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	t_u16			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRad	pS_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f	32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cr	nt_lgc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal				
Name	Actual Value	Expected Value	Result		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7000	7000 ± 1	~		

<u> </u>	13.2 1		
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	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	166.054993	166.054993 ± 0.0003	✓
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	110.404999	110.404999 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	243.964996	243.964996 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33845.8906	33845.8906 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	1167.755	1167.755 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	80000	80000 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.19611669	2.19611669 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.60853982	2.60853982 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.43602788	1.43602788 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.57714796	2.57714796 ± 0.0003	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Name	Input Value			
CmMtrCurr CurrOffAvgCounter Cnt M u16	6598			
CmMtrCurr CurrOffState Uls M enum		CURROFF CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_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 ADCMtrCurr	1 Volts f32		
tgt_rte_inst_sa_cmitricum.cm/trCurr_ers_Abcwircum1_voits_is2	tgt CmMtrCurr Per3 ADCMtrCurr			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset			
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel MtrF	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_t	· <del>-</del>		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	_0.11_190		
		Expected Value	Pass	
Name	Actual Value	Expected Value	Resu	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6598	6598 ± 1		

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	6598	6598 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.30000019	4.30000019 ± 0.0003	~

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32

CmMtrCurr\_Per3

2016-07-24, 14:02:18+0530



Actual Value **Expected Value** 2.66018128 CmMtrCurr\_MtrCurr1OffsetZero\_Volt\_M\_f32 2.66018128 ± 0.0003 CmMtrCurr\_MtrCurr1SumHi\_Volt\_M\_f32 177.184998 177.184998 ± 0.0003 CmMtrCurr\_MtrCurr1SumLo\_Volt\_M\_f32 121.535004 121.535004 ± 0.0003  $CmMtrCurr\_MtrCurr1SumZero\_Volt\_M\_f32$ 47839.5703 47839.5703 ± 0.0003 CmMtrCurr\_MtrCurr2OffsetHi\_Volt\_M\_f32 1.70141518 ± 0.0003 1.70141518  $CmMtrCurr\_MtrCurr2OffsetLo\_Volt\_M\_f32$ 2.68251061 2.68251061 ± 0.0003 CmMtrCurr\_MtrCurr2OffsetZero\_Volt\_M\_f32 4.19999981 4.19999981 ± 0.0003 CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32 39016.2383 ± 0.0003 39016.2383 CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32 27251.8008 27251.8008 ± 0.0003  $CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32$ 255.095001 255.095001 ± 0.0003 CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 51807.4609 51807.4609 ± 0.001 CmMtrCurr\_VecuSum\_Volt\_M\_f32 1178.88501 1178.88501 ± 0.0009765625 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32 23393.5 23393.5 ± 0.004 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32 2.60464764 2.60464764 ± 0.0003 tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32 3 ± 0.0003 3  $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$ 3  $3 \pm 0.0003$ 

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

3 ± 0.0003

3





Test Step 2.87 (Repeat Count = 1)			<b>✓</b>
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		
	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_ADCMtrCur	r1 Volte f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel Mtrl	_	
		· <del>-</del>	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_CmMtrCurr_Per3_VhSpdValid	i_oni_ige	
	tgt_Pim_ShCurrCal	From a stand M. I.	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	156	156 ± 1	•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CHRROFF_INTIALISE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	•
CmMtrCurr_CurroffProcessFlag_M_enum	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	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	



T				<b>✓</b>
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	<b>✓</b>

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		
mMtrCurr_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		
tte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
_CurrOffNoofAvg_Cnt_u16	98		
_MaxCurrOffMtrVel_RadpS_f32	-1.74571145		
_MtrCurrEOLMaxOffset_Volts_f32	3		
_MtrCurrEOLMinOffset_Volts_f32	2.75741673		
_MtrCurrOffLoComOff_Cnt_u16	578		
gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.17344236		
gt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.246088982		
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-458.121368		
gt_CmMtrCurr_Per3_Vecu_Volt_f32.value	20.6917629		
gt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	35.2481384		
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
gt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72285.4297		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.72539854		
gt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.00565732		
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
pt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur		
pt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	_	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrI		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_		
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	_	
gt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	I_Cnt_lgc	
gt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
lame	Actual Value	Expected Value	Resu
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	324	324 ± 1	
mMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	
mMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	
mMtrCurr_CurroffProcessFlag_M_enum	2	2	
mMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	1.96751535	1.96751535 ± 0.0003	
mMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.65889978	4.65889978 ± 0.0003	
mMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.08536386	2.08536386 ± 0.0003	
mMtrCurr_MtrCurr1SumHi_Volt_M_f32	199.445007	199.445007 ± 0.0003	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	143.794998	143.794998 ± 0.0003	
mMtrCurr_MtrCurr1SumZero_Volt_M_f32	121.535004	121.535004 ± 0.0003	
mMtrCurr_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	
		The state of the s	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	33134.0195	33134.0195 ± 0.0003	

277.355011

79444.0391

1201.14502

 $tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value$ 

CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32

CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32

CmMtrCurr\_VecuSum\_Volt\_M\_f32

277.355011 ± 0.0003

1201.14502 ± 0.0009765625

79444.0391 ± 0.001

0 ± 1





News	A stud Value	Even etcal Value	Deculé
Name	Actual Value	Expected Value	Result
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	72285.4297	72285.4297 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.72539854	2.72539854 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.00565732	1.00565732 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	<b>✓</b>

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

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 2.0999999		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.69777119		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_132	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	22	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f3		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16	<del>-</del>	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt Pim ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	852	852 ± 1	~

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	852	852 ± 1	<b>✓</b>
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	<b>✓</b>





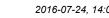
Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	132.664993	132.664993 ± 0.0003	•
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	36075.1289	36075.1289 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	288.484985	288.484985 ± 0.0003	•
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	29199.0156	29199.0156 ± 0.001	•
CmMtrCurr_VecuSum_Volt_M_f32	1212.27502	1212.27502 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
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	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Imput Value	Test Step 2.90 (Repeat Count = 1)			<b>✓</b>
OrnMitrCurr CurrOffState_Uis_M_enum         CURROFF_HAVERAGE           OnMitrCurr_CurroffFringS_Crit_M_igc         0           CmMtrCurr_MitrCurrOffSeat_D_M_enum         0           OnMitrCurr_MitrCurrOffSeat_D_Volt_M_IS2         3           CmMtrCurr_MitrCurrOffSeat_D_Volt_M_IS2         131556726           CmMtrCurr_MitrCurrISumH_Volt_M_IS2         201227355           CmMtrCurr_MitrCurrISumH_Volt_M_IS2         166054993           CmMtrCurr_MitrCurrISumH_Volt_M_IS2         143.794988           CmMtrCurr_MitrCurrSorberH_Volt_M_IS2         2.53732085           CmMtrCurr_MitrCurrSorberH_Volt_M_IS2         2.804142           CmMtrCurr_MitrCurrSorberLo_Volt_M_IS2         4.5999999           CmMtrCurr_MitrCurrSorberLo_Volt_M_IS2         4.5999999           CmMtrCurr_MitrCurrSorberLo_Volt_M_IS2         39016.2383           CmMtrCurr_MitrCurrSorberLo_Volt_M_IS2         39016.2383           CmMtrCurr_MitrCurrSorberLo_Volt_M_IS2         299.61499           CmMtrCurr_MitrCurrSorberLo_Volt_M_IS2         299.61499           CmMtrCurr_MitrCurrSorberLo_Volt_M_IS2         299.61499           CmMtrCurr_MitrCurrVexCorber_Volt_IS2         1223.40503           Re_Inst_So_CmMtrCurr         1912.4064           K_MaccurroffMtvCurr_Para_Volt_Volt_IS2         23540631           R_MaccurroffMtvCurr_Para_ADCMtrCurr_Volts_IS2 val	Name	Input Value		
ComMitticum, CurroOffState, Uis, M. enum         CURROFF_HAVERAGE           ComMitticum, CurroffTrimFlag, Crt, M. Igo         0           ComMitticum, Michart Offsette, Vot M. Igo         3           ComMitticum, Michart Offsette, Vot M. Igo         3           ComMitticum, Michart Offsette, Vot M. Igo         1,31566726           ComMitticum, Michart Sumite, Vot M. Igo         1,31566726           ComMitticum, Michart Sumite, Vot M. Igo         166,054993           ComMitticum, Michart Sumite, Vot M. Igo         143,794998           ComMitticum, Michart Sumite, Vot M. Igo         2,5373085           ComMitticum, Michart Cours Offsette, Vot M. Igo         2,804142           ComMitticum, Michard Sumite, Vot M. Igo         4,5999999           ComMitticum, Michard Sumite, Vot M. Igo         3,9016,2383           ComMitticum, Michard Sumite, Vot M. Igo         3,9016,2383           ComMitticum, Michard Sumite, Vot M. Igo         2,9961499           ComMitticum, Michard Sumite, Vot M. Igo         2,9981499           ComMitticum, Michard Sumite, Vot M. Igo         5,922,00094           ComMitticum, Michard Sumite, Vot M. Igo         5,922,00094           ComMitticum, Michard Report Sumite, Vot M. Igo         5,922,00094           ComMitticum, Michard Report Sumite, Vot M. Igo         1,922,00094           ComMitticum, Pot M. Igo	CmMtrCurr CurrOffAvgCounter Cnt M u16	789		
CmMtrCurr, CurroffTrmEng_Cnt_M_1gc CmMtrCurr_CurroffTrocessFing_M_enum OmMtrCurr_CurroffTrocessFing_M_enum OmMtrCurr_CurroffTrocessFing_M_enum OmMtrCurr_CurroffTrocessFing_M_enum OmMtrCurr_MtrCurrOffstello_Volt_M_f32 1.31556726 CmMtrCurr_MtrCurrOffstello_Volt_M_f32 1.31556726 CmMtrCurr_Curroffstello_Volt_M_f32 1.31556726 CmMtrCurr_MtrCurrSurr_Lvolt_M_f32 2.01227355 CmMtrCurr_MtrCurrSurr_Lvolt_M_f32 1.31566726 CmMtrCurr_MtrCurrSurr_Lvolt_M_f32 2.01227355 CmMtrCurr_MtrCurrSurr_Lvolt_M_f32 CmMtrCurr_MtrCurrSurr_Lvolt_M_f32 2.01227355 CmMtrCurr_MtrCurr_Surr_Lvolt_M_f32 2.01227355 CmMtrCurr_NtrCurr_Surr_Lvolt_M_f32 2.01227355 CmMtrCurr_NtrCurr_Lvolt_M_f32 2.01227355 CmMtrCurr_NtrCurr_Lvolt_M_f32 2.01227355 CmMtrCurr_Lvolt_M_f32 2.01227355 CmMtrCurr_Lvolt_M_f32 2.01227355 CmMtrCurr_Lvolt_M_f32 2.01227356 CmMtrCurr_Lvol		CURROFF HIAVERAGE		
CmMtrCurr_MtrCurrOffsetH_Volt_M_132   3   3   3   3   3   3   3   3   3		_		
CmMtrCurr OffsetLo, Volt, M, 132         3           CmMtrCurr, Micror Sizer, Volt, M, 132         1.3156726           CmMtrCurr, Micror Sizer, Volt, M, 132         2.01227365           CmMtrCurr, Micror Sizer, Volt, M, 132         166.054993           CmMtrCurr, Micror Sizer, Volt, M, 132         143,734998           CmMtrCurr, Micror Sizer, Volt, M, 132         2.53732085           CmMtrCurr, Micror Offsetz, Volt, M, 132         2.804142           CmMtrCurr, Micror Offsetz, Volt, M, 132         4.599999           CmMtrCurr, Micror Offsetz, Volt, M, 132         4.599999           CmMtrCurr, Micror Offsetz, Volt, M, 132         4.599999           CmMtrCurr, Micror Offsetz, Volt, M, 132         39016, 2383           CmMtrCurr, Micror Sizer, Volt, M, 132         39016, 2383           CmMtrCurr, Micror Sizer, Volt, M, 132         299, 81499           CmMtrCurr, Micror World, Volt, M, 132         123, 4050           CmMtrCurr, Volt, M, 132         123, 4050           Re, Inst, Sa, CmMtrCurr         Ig., Rie, Inst, Sa, CmMtrCurr           K, CurroffMoofAvg, Cnt, u.16         240           K, Micror Collino Microffset, Volt, 132         2.0983466           K, Micror Collino Microffset, Volt, 132         2.0983466           K, Micror Collino Microffset, Volt, 132, value         1.71204454           Igt, CmMtr		0		
CmMtrCurr_MtrCurr10ffsetZero_Voit_M_f32         1.31556726           CmMtrCurr_MtrCurr1shmL_Voit_M_f32         2.01227355           CmMtrCurr_MtrCurrShmL_Voit_M_f32         166.054993           CmMtrCurr_MtrCurr20ffsettb_Voit_M_f32         143.794998           CmMtrCurr_MtrCurr20ffsettb_Voit_M_f32         2.53732085           CmMtrCurr_MtrCurr20ffsettb_Voit_M_f32         2.804142           CmMtrCurr_MtrCurr20ffsettb_Voit_M_f32         4.5999999           CmMtrCurr_MtrCurr2ShmL_Voit_M_f32         4.8999999           CmMtrCurr_MtrCurr2ShmLo_Voit_M_f32         39016.2383           CmMtrCurr_MtrCurr2ShmLo_Voit_M_f32         299.61499           CmMtrCurr_MtrCurr2ShmLo_Voit_M_f32         55220.6094           CmMtrCurr_VoitCmM_VoitCort_M_f32         55220.6094           CmMtrCurr_VoitCmM_Voit_M_f32         1223.40503           Rte_inst_Sa_CmMtrCurr         ig_R_inst_Sa_CmMtrCurr           k_CinrComcodAy_Crit_u16         240           k_MaxCurrOffMtvVoit_Radps_f32         13.804178           k_MtrCurrE0LMinOffset_Voits_f32         2.32546831           k_MtrCurrE0LMinOffset_Voits_f32         2.32546831           k_CmMtrCurr_Pera_ADCMtrCurr_Voits_f32 value         1.7214454           tgt_CmMtrCurr_Pera_ADCMtrCurr_Voits_f32 value         1.51841879           tgt_CmMtrCurr_Pera_Voits_f4, k_Crit_set_value	CmMtrCurr MtrCurr1OffsetHi Volt M f32	3		
CmMitrCurr SumHi Voit M, fi32         2.01227355           CmMitrCurr Micur SumLo, Voit M, fi32         166.054993           CmMitrCurr Micurr SumZero, Voit M, fi32         143.794998           CmMirCurr, Micur Coffsetto, Voit M, fi32         2.53732005           CmMirCurr, MirCurr Zoffsetzero, Voit M, fi32         4.5999999           CmMirCurr, MirCurr ZomHei, Voit M, fi32         4.5999999           CmMirCurr, MirCurr ZomHei, Voit M, fi32         39016.2383           CmMirCurr, MirCurr ZomZero, Voit M, fi32         299.61499           CmMirCurr, MirCurr ZomZero, Voit M, fi32         55220.6094           CmMirCurr, MirCurr ZomZero, Voit M, fi32         1223.40503           Rie, Inst, Sa, CmMirCurr         Ig Rie, Inst, Sa, CmMirCurr           K, Durr ComVision May, Cm, Luf B         240           K, MaxCurr Giffstrive, Rapps, fi22         13.8804178           K, Mir Curr EO, Limin Giste, Voits, fi32         2.09939456           K, Mir Curr EO, Limin Giste, Voits, fi32         2.09939456           K, Mir Curr EO, Limin Giste, Voits, fi32 value         1.72104454           Igt, CmMir Curr, Pera, ADCMir Curr, Voits, fi32 value         1.72404454           Igt, CmMir Curr, Pera, Veric, Mir Rapps, fi32 value         2.299.473541           Igt, CmMir Curr, Pera, Veric, Voit, fi32 value         3.299.473541           Igt, CmMir Curr, Pera, Ve	CmMtrCurr MtrCurr1OffsetLo Volt M f32	3		
CmMtrCurr SumLo_Volt_M_f32         166.054993           CmMtrCurr Micrur2rOstent_Volt_M_f32         143.794998           CmMtrCurr_Micrur2rOstent_Volt_M_f32         2.59732085           CmMtrCurr_Micrur2rOstent_Volt_M_f32         2.804142           CmMtrCurr_Micrur2rOstent_Volt_M_f32         4.5999999           CmMtrCurr_Micrur2sUmit_Volt_M_f32         4.8988.4609           CmMtrCurr_Micrur2sumi_Volt_M_f32         39016.2383           CmMtrCurr_Micrur2sumi_Volt_M_f32         299.61499           CmMtrCurr_Micrur2valCmd_volt_M_f32         55220.6094           CmMtrCurr_MicrurValCmd_volt_Cnt_M_f32         55220.6094           CmMtrCurr_MicrurValCmd_volt_Cnt_M_f32         1223.40503           Rte_Inst_Sa_CmMtrCurr         Igt_Re_Inst_Sa_CmMtrCurr           K_Inst_Uncoll_Nort_Cnt_Volt_f6         240           K_MtrCurrEOLMaxOffset_Volt_f32         13.8804178           K_MtrCurrEOLMort_Offset_Volt_f32         2.09939456           K_MtrCurrEOLMort_Offset_Volt_f6         560           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.51841879           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volt_S12.value         2.59473541           tgt_CmMtrCurr_Per3_Volt_Spt_Kpt_f32.value         39.2272949           tgt_CmMtrCurr_Per3_Volt_Spt_Kpt_f32.value         1.51841879           tgt_CmMtrCurr_Per3_Volt_Spt_Kpt_f32.valu	CmMtrCurr MtrCurr1OffsetZero Volt M f32	1.31556726		
CmMtrCurr SumZero_Volt_M_f32         143,794998           CmMtrCurr_MtrCurr20ffsetch_Volt_M_f32         2,53732085           CmMtrCurr_MtrCurr20ffsetch_Volt_M_f32         2,804142           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         4,59999999           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         44,99999999           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         39016,2383           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         299,61499           CmMtrCurr_MtrCurr2ValCmd_VoltCm_M_f32         55220,6094           CmMtrCurr_VecuSum_Volt_M_f32         1223,40503           CmMtrCurr_VecuSum_Volt_M_f32         1223,40503           Rte_Inst_Sa_CmMtrCurr         tgr_Rte_Inst_Sa_CmMtrCurr           k_Curr0ffltntv4e_Radps_f32         13,804178           k_MtrCurrEOLMaxOffset_Volts_f32         2,32540631           k_MtrCurrColl,MinOffset_Volts_f32         2,99939456           k_MtrCurrOffLoComOff_Cnt_u16         560           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32 value         1,12104454           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32 value         1,51841879           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32 value         39,2272949           tgt_Pim_ShCurrCal_EOLMtrCurrV2Clots_f42         3           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLid_Volts_f32         1           tgt_Pim_ShCurrCal_EOLMtrCurr10fsetLid_Volts_f	CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.01227355		
CmMtrCurr_MirCurr2OffsetHi_Volt_M_f32         2.53732085           CmMtmCurr_MirCurr2OffsetLo_Volt_M_f32         2.804142           CmMtrCurr_MirCurr2SiumHi_Volt_M_f32         4.5999999           CmMtrCurr_MirCurr2SiumLo_Volt_M_f32         44898.4609           CmMtrCurr_MirCurr2SiumLo_Volt_M_f32         39016.2383           CmMtrCurr_MirCurrValCmd_Volt_M_f32         299.61499           CmMtrCurr_MirCurrValCmd_Volt_M_f32         55220.6094           CmMtrCurr_ValCmd_Volt_M_f32         1223.40503           CmMtrCurr_ValCmd_Volt_M_f32         1223.40503           CmMtrCurr_ValCmd_Volt_M_f32         1223.40503           CmMtrCurr_ValCmd_Volt_M_f32         1223.40503           CmMtrCurr_ValCmd_Volt_M_f32         1223.40503           CmMtrCurr_ValCmd_Volt_M_f32         240           K_Lang_ValCml_ValCmd_Volt_M_f32         13.8804178           K_MtrCurrEOLMinOffset_Volts_f32         2.29930456           K_MtrCurrEOLMinOffset_Volts_f32         2.09930456           K_MtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.72104454           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.51841879           tgt_CmMtrCurr_Per3_VehSpd_Kpf_f32.value         2.99473541           tgt_CmMtrCurr_Per3_VehSpd_Kpf_f32.value         1.9942044           tgt_CmMtrCurr_Per3_VehSpd_Kpf_f02.value         1.9942044 <td>CmMtrCurr_MtrCurr1SumLo_Volt_M_f32</td> <td>166.054993</td> <td></td> <td></td>	CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	166.054993		
CmMtrCurr MtrCurr2OffsetLo, Volt.M, f32         2.804142           CmMtrCurr_MtrCurr2SumL, Volt.M, f32         4.5999999           CmMtrCurr_MtrCurr2SumL, Volt.M, f32         39016.2383           CmMtrCurr_MtrCurr2SumLo, Volt.M, f32         299.61499           CmMtrCurr_MtrCurr2SumComLo, Volt.M, f32         299.61499           CmMtrCurr_MtrCurr2SumLov.M, f32         1223.40503           CmMtrCurr_MtrCurr2SumLov.M, f32         1223.40503           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffMtvolf Radp5_f32         13.804178           k_MaxCurrOffMtvolf_Radp5_f32         13.804178           k_MtrCurrEOLMaxOffSet_Volts_f32         2.09939456           k_MtrCurrEOLMinOffset_Volts_f32         2.09939456           k_MtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.72104454           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.51841879           tgt_CmMtrCurr_Per3_Web_Volt_f32.value         2.59473541           tgt_CmMtrCurr_Per3_Veb_Volt_f32.value         39.2272949           tgt_CmMtrCurr_Per3_VebSpd_Kpt_f32.value         39.2272949           tgt_CmMtrCurr_Per3_VebSpd_Kpt_f32.value         1           tgt_Pim_ShCurrCal_EOLMtrCurr2OffsetLo_Volts_f32         22414.6309           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetD_Volts_f32         1           tgt_Pim_ShCurrCal_EOL		143.794998		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	CmMtrCurr MtrCurr2OffsetHi Volt M f32	2.53732085		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32         44898.4609           CmMtrCurr_MtrCurr2SumLo_Volt_M_f32         39016.2383           CmMtrCurr_MtrCurrSumZero_Volt_M_f32         299.81499           CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32         55220.6094           CmMtrCurr_VeuSum_Volt_M_f32         1223.40503           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           kc_OurrOffMtrVel_RadpS_f32         128.804178           k_MaxCurrOffMtrVel_RadpS_f32         2.38540631           k_MtrCurrEOLMaxOffSet_Volts_f32         2.29540631           k_MtrCurrEOLMoxOffSet_Volts_f32         2.29540631           k_MtrCurrCoffLoComOff_Cnt_u16         560           tgt_CmMtrCur_Per3_ADCMtrCurrLy Volts_f32.value         1.72104454           tgt_CmMtrCur_Per3_ADCMtrCurrLy Volts_f32.value         1.51841879           tgt_CmMtrCur_Per3_Web_Mpt_f32.value         2.295 473541           tgt_CmMtrCur_Per3_Veb_Mpt_f32.value         39.2272949           tgt_CmMtrCur_Per3_Veb_Mpt_f32.value         1.12514019           tgt_CmMtrCur_Per3_Veb_Mpt_f32.value         19.2272949           tgt_Pim_ShCurCal_EOLMtrCurrVcalCmd_VoltCnts_f32         22414.6309           tgt_Pim_ShCurCal_EOLMtrCurrCoffSetLo_Volts_f32         1           tgt_Pim_ShCurCal_EOLMtrCurrOffsetLo_Volts_f32         1.99420547           tgt_Pim_ShCurCal_EOL	CmMtrCurr MtrCurr2OffsetLo Volt M f32	2.804142		
CmMtrCurr_MtrCurr2Sumzero_Volt_M_f32         39016.2383           CmMtrCurr_MtrCurr2SumZero_Volt_M_f32         299.61499           CmMtrCurr_Vecu3cm_Volt_M_f32         55220.6094           CmMtrCurr_Vecu3cm_Volt_M_f32         1223.40503           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffMtvOlaya_Cnt_u16         240           k_MaxCurrOffMtvVel_RadpS_f32         13.8804178           k_MtrCurrEOLMinOffSet_Volls_f32         2.32540631           k_MtrCurrEOLMinOffSet_Volls_f32         2.09939456           k_MtrCurr_Poll_MorfCort_I volls_f32 value         1.72104454           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volls_f32 value         1.51841879           tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 value         259.473541           tgt_CmMtrCurr_Per3_VebSpd_Kph_f32 value         39.2272949           tgt_CmMtrCurr_Per3_VebSpd_Kph_f32 value         39.2272949           tgt_CmMtrCurr_Per3_VbSpdValid_Cnt_lgc.value         1           tgt_Pim_ShCurrCal.EOLMtrCurrVoffsetLo_Volts_f32         22414.6309           tgt_Pim_ShCurrCal.EOLMtrCurrOffsetLo_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurrOffsetLo_Volts_f32         1           tgt_Pim_ShCurrCal.EOLMtrCurrOffsetDiff_Volts_f32         1           tgt_Ret_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32         1           <	CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	4.5999999		
CmMtrCurr_MtrCurr/VatCmd_VoltCnt_M_f32         299.61499           CmMtrCurr_MtrCurr/VatCmd_VoltCnt_M_f32         55220.6094           CmMtrCurr_VecuSum_Volt_M_f32         1223.40503           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_UnrOffNoofAvg_Cnt_u16         240           k_MaxCurrOffMtrVel_RadpS_f32         13.88041778           k_MtrCurrEOLMavOffset_Volts_f32         2.32540631           k_MtrCurrEOLMinOffSet_Volts_f32         2.09939456           k_MtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.72104454           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.72104454           tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value         259.473541           tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value         7.12514019           tgt_CmMtrCurr_Per3_VesQu_Volt_f32.value         39.2272949           tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value         1           tgt_Pim_ShCurrCalEOLMtrCurr2OffsetLo_Volts_f32         22414.6309           tgt_Pim_ShCurrCalEOLMtrCurr2OffsetLo_Volts_f32         1           tgt_Pim_ShCurrCalEOLMtrCurr2OffsetLo_Volts_f32         1           tgt_Pim_ShCurrCalEOLMtrCurr2OffsetLo_Volts_f32         1           tgt_Re_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32           tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts		44898.4609		
CmMtrCurr_NtrCurrValCmd_VoltCn1_M_f32         55220.6094           CmMtrCurr_VecuSum_Volt_M_f32         1223.40503           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffMotofAvg_Cnt_u16         240           k_MaxCurrOffMtrVel_RadpS_f32         13.8804178           k_MtrCurrEOLMaxOffset_Volts_f32         2.32540631           k_MtrCurrOftLoComOff_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         1.51841879           tgt_CmMtrCurr_Per3_Volt_f32_value         7.12514019           tgt_CmMtrCurr_Per3_Volt_f32_value         39.2272949           tgt_CmMtrCurr_Per3_Volt_f32_value         1           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         1           tgt_Pim_ShCurrCal_EOLMtrCurrVcalCmd_VoltCnts_f32         22414.6309           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         1           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         1           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32         1.99420547           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetDiff_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32           tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 <td< td=""><td>CmMtrCurr_MtrCurr2SumLo_Volt_M_f32</td><td>39016.2383</td><td></td><td></td></td<>	CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	39016.2383		
CmMtrCurr_VecuSum_Volt_M_f32         1223.40503           Rte_Inst_Sa_CmMtrCurr         tgt_Rte_Inst_Sa_CmMtrCurr           k_CurrOffNordAvg_Cnt_u16         240           k_MaxCurrOffMtrVel_RadpS_f32         13.8804178           k_MtrCurrEOLMaxOffset_Volts_f32         2.32540631           k_MtrCurrOffLocMorDff_Cnt_u16         560           tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32_value         1.72104454           tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32_value         1.51841879           tgt_CmMtrCurr_Per3_Web_Mort_MradpS_f32_value         -259.473541           tgt_CmMtrCurr_Per3_Veb_Spd_Kph_f32_value         7.12514019           tgt_CmMtrCurr_Per3_Veb_Spd_Kph_f32_value         39.2272949           tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc_value         1           tgt_Pim_ShCurrCal_EOLMtrCurrValComd_VoltCnts_f32         22414.6309           tgt_Pim_ShCurrCal_EOLMtrCurrVolfsetLo_Volts_f32         3           tgt_Pim_ShCurrCal_EOLMtrCurrVoffsetLo_Volts_f32         1           tgt_Pim_ShCurrCal_EOLMtrCurrOffsetLo_Volts_f32         1           tgt_Ris_lnst_Sa_CmMtrCurr_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32           tgt_Ris_lnst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32         tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32           tgt_Ris_lnst_Sa_CmMtrCurr.CmMtrCurr_Per3_Movel_MtrRadpS_f32         tgt_CmMtrCurr_Per3_	CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	299.61499		
Rte_Inst_Sa_CmMtrCurr	CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55220.6094		
Rte_Inst_Sa_CmMtrCurr	CmMtrCurr VecuSum Volt M f32	1223.40503		
k_CurrOffNordAvg_Cnt_u16         240           k_MxCurrOffMtrVel_RadpS_f32         13.864178           k_MtrCurrEOLMaxOffSet_Volts_f32         2.32540631           k_MtrCurrOftLocomOff_Cnt_u16         560           k_MtrCurr_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_VebSpd_Kph_f32.value         39.2272949           tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc_value         1           tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VollCnts_f32         22414.6309           tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_Vollcs_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurrOffSetLo_Volts_f32         1           tgt_Pim_ShCurrCal.EOLMtrCurrOffSetDiff_Volts_f32         1.99420547           tgt_Pim_ShCurrCal.EOLMtrCurrOffSetDiff_Volts_f32         1.99420547           tgt_Pim_ShCurrCal.EOLMtrCurr_Per3_ADCMtrCurr1_Volts_f32         1gt_CmMtrCurr_Per3_ADCMtrCurr2_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_McVel_MtrRadpS_f32         tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32           tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrC		tgt Rte Inst Sa CmMtrCurr		
k_MtrCurrEOLMaxOffset_Volts_f32         2.32540631           k_MtrCurrEOLMinOffset_Volts_f32         2.09939456           k_MtrCurrGfLoComOff_Cnt_u16         560           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.72104454           tgt_CmMtrCurr_Per3_ADCMtrCurr_Volts_f32.value         1.51841879           tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value         -259.473541           tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value         7.12514019           tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value         39.2272949           tgt_CmMtrCurr_Per3_VehSpd_Vidic_Ont_lgc.value         1           tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32         22414.6309           tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32         3           tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32         1           tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32         1           tgt_Pim_ShCurrCal.EOLMtrCurr_OffsetDiff_Volts_f32         1.99420547           tgt_Pim_ShCurrCal.EOLMtrCurr_Par3_ADCMtrCurr1_Volts_f32         tgt_CmMtrCurr_Par3_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_MtrVel_MtrRadps_f32         tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16           tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32         tgt_CmMtrCurr_Per3_VehSpd_Kph_f32				
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_VeSpd_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_ShCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32       3         tgt_Rte_inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_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_MtrVel_MtrRadpS_f32       tgt_CmMtrCurr_Per3_CmOffset_Cnt_u16         tgt_Rte_inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32       tgt_CmMtrCurr_Per3_Vecu_Volt_f32         tgt_Rte_inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VechSpd_Kph_f32       tgt_CmMtrCurr_Per3_VechSpd_Kph_f32 <td>k MaxCurrOffMtrVel RadpS f32</td> <td>13.8804178</td> <td></td> <td></td>	k MaxCurrOffMtrVel RadpS f32	13.8804178		
k_MtrCurrOffLoComOff_Cnt_u16  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_Veny_Uf_f32.value  7.12514019  tgt_CmMtrCurr_Per3_Veny_Uf_f32.value  7.12514019  tgt_CmMtrCurr_Per3_Veny_Uf_f32.value  1.51841879  229.473541  7.12514019  tgt_CmMtrCurr_Per3_Veny_Uf_f32.value  1.51841879  39.2272949  tgt_Pim_ShCurrCal.EOLMtrCurrVallcmd_VoltCnts_f32  tgt_Pim_ShCurrCal.EOLMtrCurrVolfsetLo_Volts_f32  1.51841879  22414.6309  1.51841879  22414.6309  1.518418309  1.518418309  1.518418309  1.518418309  1.51841879  1.5	k_MtrCurrEOLMaxOffset_Volts_f32	2.32540631		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32_value  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32_value  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32_value  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32_value  tgt_CmMtrCurr_Per3_Vecu_Volt_f32_value  tgt_CmMtrCurr_Per3_VebSpd_Kph_f32_value  tgt_CmMtrCurr_Per3_VebSpd_Kph_f32_value  tgt_CmMtrCurr_Per3_VebSpd_Kph_f32_value  tgt_CmMtrCurr_Per3_VebSpd_Kph_f32_value  tgt_DmShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1Offsett_Ovolts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2Offsett_Ovolts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2Offsett_Ovolts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADrCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADrCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADrCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_VebSpd_Kph_f32	k_MtrCurrEOLMinOffset_Volts_f32	2.09939456		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	k MtrCurrOffLoComOff Cnt u16	560		
tgl_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value  tgl_CmMtrCurr_Per3_Vecu_Volt_f32.value  tgl_CmMtrCurr_Per3_VehSpd_Kph_f32.value  tgl_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value  tgl_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32  tgl_Pim_ShCurrCal.EOLMtrCurrYcalCmd_VoltS_f32  tgl_Pim_ShCurrCal.EOLMtrCurrYcalCmd_Volts_f32  tgl_Pim_ShCurrCal.EOLMtrCurrYcalCmd_Volts_f32  tgl_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  tgl_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgl_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgl_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgl_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgl_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgl_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgl_Pim_ShCurrCal.EOLMtrCurr2Per3_ADCMtrCurr1_Volts_f32  tgl_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgl_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgl_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgl_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgl_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgl_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgl_CmMtrCurr_Per3_Vecu_Volt_f32  tgl_CmMtrCurr_Per3_Vecu_Volt_f32  tgl_CmMtrCurr_Per3_Vecu_Volt_f32  tgl_CmMtrCurr_Per3_Vecu_Volt_f32  tgl_CmMtrCurr_Per3_VechSpd_Kph_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.72104454		
tgt_CmMtrCurr_Per3_VebSpd_Kph_f32.value  tgt_CmMtrCurr_Per3_VbhSpd_Kph_f32.value  tgt_Pim_ShCurrCal.EOLMtrCurr_VcalCmd_VoltCnts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr_VcalCmd_VoltS_f32  tgt_Pim_ShCurrCal.EOLMtrCurr_OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr_OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr_OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr_OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr_OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr_OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr_OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr_Per3_ADCMtrCurr_Volts_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VebSpd_Kph_f32  tgt_CmMtrCurr_Per3_VebSpd_Kph_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.51841879		
tgl_CmMtrCurr_Per3_VehSpd_Kph_f32.value  tgl_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value  tgl_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Re_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_VechSpd_Kph_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	-259.473541		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32	tgt CmMtrCurr Per3 Vecu Volt f32.value	7.12514019		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsettLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsettLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsettLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VebSpd_Kph_f32  tgt_CmMtrCurr_Per3_VebSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	39.2272949		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rel_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VebSpd_Kph_f32  tgt_CmMtrCurr_Per3_VebSpd_Kph_f32		1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_VechSpd_Kph_f32	tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	22414.6309		
tgt_Pim_shCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32  tgt_Pim_shCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_VechSpd_Kph_f32		3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_VechSpd_Kph_f32	tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_VechSpd_Kph_f32		1.99420547		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_VechSpd_Kph_f32		3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_VenSpd_Kph_f32	tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16  tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_Vecu_Volt_f32  tgt_CmMtrCurr_Per3_VenSpd_Kph_f32				
tgt_Rte_Inst_Sa_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32				
tgt_Rte_Inst_Sa_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
	tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal tgt_Pim_ShCurrCal				
			Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16 789 789 1		1111	•	<b>✓</b>

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	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	0	0	✓
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	~

CmMtrCurr\_Per3





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	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	55220.6094	55220.6094 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1223.40503	1223.40503 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	22414.6309	22414.6309 ± 0.004	<b>~</b>
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	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.91 (Repeat Count = 1)			<b>✓</b>
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	4.6999981		
CmMtrCurr MtrCurr2SumHi Volt M f32	47839.5703		
CmMtrCurr MtrCurr2SumLo Volt M f32	41957.3516		
CmMtrCurr MtrCurr2SumZero Volt M f32	310.744995		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	6291.93994		
CmMtrCurr VecuSum Volt M f32	1234.53503		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k CurrOffNoofAvg Cnt u16	256		
k_MaxCurrOffMtrVel_RadpS_f32	-17.1000347		
k MtrCurrEOLMaxOffset Volts f32	2.48356295		
k MtrCurrEOLMinOffset Volts f32	1.48911309		
k MtrCurrOffLoComOff Cnt u16	570		
tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32.value	2.7117908		
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	1.85433602		
tgt CmMtrCurr Per3 MtrVel MtrRadpS f32.value	-952.268921		
tgt CmMtrCurr Per3 Vecu Volt f32.value	29.1770477		
tgt CmMtrCurr Per3 VehSpd Kph f32.value	50.6882782		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	62277.6992		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.35439801		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	3		
tgt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.68871355		
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	1.77594244		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1 Volts	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc		
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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.69362235	2.69362235 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.83543706	1.83543706 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	12546.25	12546.25 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	41957.3516	41957.3516 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	310.744995	310.744995 ± 0.0003	<b>✓</b>
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	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	-

Test Step 2.92 (Repeat Count = 1)	Invest Value
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_t	f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	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	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.66018128	2.66018128 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	<b>~</b>	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	166.054993	166.054993 ± 0.0003	<b>✓</b>	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	44898.4609	44898.4609 ± 0.0003	<b>✓</b>	
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	<b>✓</b>	
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.74733996	2.74733996 ± 0.0003	~	
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.06780672	2.06780672 ± 0.0003	<b>✓</b>	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

Test Step 2.93 (Repeat Count = 1)	<b>✓</b>
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_ADCMtrCurr	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	n_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal				
Name	Actual Value	Expected Value	Result		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	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	<b>✓</b>		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	18428.4707	18428.4707 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	177.184998	177.184998 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	2.14946866	2.14946866 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	177.184998	177.184998 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	47839.5703	47839.5703 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.70221376	2.70221376 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	29760.0313	29760.0313 ± 0.001	<b>✓</b>		
CmMtrCurr_VecuSum_Volt_M_f32	1256.79504	1256.79504 ± 0.0009765625	<b>✓</b>		
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	<b>✓</b>		
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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.94 (Repeat Count = 1)	<b>✓</b>
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

tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc

CmMtrCurr\_Per3

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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  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$ tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32 3  $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32 tgt\_CmMtrCurr\_Per3\_ADCMtrCurr1\_Volts\_f32  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32$ tgt\_CmMtrCurr\_Per3\_ADCMtrCurr2\_Volts\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16 tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16  $tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32$ tgt\_CmMtrCurr\_Per3\_MtrVel\_MtrRadpS\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_CmMtrCurr\_Per3\_Vecu\_Volt\_f32 tgt\_Rte\_Inst\_Sa\_CmMtrCurr.CmMtrCurr\_Per3\_VehSpd\_Kph\_f32 tgt\_CmMtrCurr\_Per3\_VehSpd\_Kph\_f32

tgt\_CmMtrCurr\_Per3\_VhSpdValid\_Cnt\_lgc

tgt_rtte_inst_da_critiviti curr.critiviti curr_Ferd_vriopuvaliu_crit_igc	tgt_Cilliviti Cull_Fel3_vilopuvaliu	_ont_igc	
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	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.99468088	2.99468088 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	21369.5801	21369.5801 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	188.315002	188.315002 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.04940093	1.04940093 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.08536386	2.08536386 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.70995927	2.70995927 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	188.315002	188.315002 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	154.925003	154.925003 ± 0.0003	•
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.48992085	1.48992085 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	822.058472	822.058472 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	1267.92505	1267.92505 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	26188.6523	26188.6523 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

T				<b>✓</b>
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	<b>✓</b>

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	

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CmMtrCurr\_Per3

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_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	654	654 ± 1	~
CmMtrCurr CurrOffState Uls M enum	CURROFF INTIALISE	CURROFF INTIALISE	<b>~</b>
CmMtrCurr CurrOffTrimFlag Cnt M Igc	0	0	<b>✓</b>
CmMtrCurr CurroffProcessFlag M enum	3	3	<b>✓</b>
CmMtrCurr MtrCurr1OffsetHi Volt M f32	3	3 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	24310.6895	24310.6895 ± 0.0003	_
CmMtrCurr MtrCurr1SumZero Volt M f32	1.25644183	1.25644183 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	199.445007	199.445007 ± 0.0003	<b>✓</b>
CmMtrCurr MtrCurr2SumLo Volt M f32	166.054993	166.054993 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.7490567	1.7490567 ± 0.0003	<b>✓</b>
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	✓

Τ				<b>✓</b>
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	<b>✓</b>

2.8537457

2.0999999

1.95220804

2.8537457 ± 0.0003

2.0999999 ± 0.0003

1.95220804 ± 0.0003

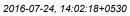
Test Step 2.96 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	789	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	3	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.89549541	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.40884519	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008	
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.13619637	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.31556726	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.88888454	
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	177.184998	

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$ 

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32$ 

CmMtrCurr\_Per3





Name	Input Value		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.07448936		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	42221.3203		
CmMtrCurr_VecuSum_Volt_M_f32	1290.18506		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	965		
k_MaxCurrOffMtrVel_RadpS_f32	20		
k_MtrCurrEOLMaxOffset_Volts_f32	1.44712067		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	620		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.61933661		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.85926533		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	835.908203		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	30.6474495		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	112.531464		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	2294.66455		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19391191		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.51261997		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f3.	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	789	789 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~

9	19.2	19			
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	<b>✓</b>		
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.89549541	2.89549541 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	2 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	2.40884519	2.40884519 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	27251.8008	27251.8008 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.13619637	2.13619637 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.78107488	1.78107488 ± 0.0003	<b>~</b>		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.88888454	2.88888454 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	177.184998	177.184998 ± 0.0003	<b>~</b>		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.07448936	2.07448936 ± 0.0003	<b>✓</b>		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	42221.3203	42221.3203 ± 0.001	<b>✓</b>		
CmMtrCurr_VecuSum_Volt_M_f32	1290.18506	1290.18506 ± 0.0009765625	<b>✓</b>		
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	2294.66455	2294.66455 ± 0.004	<b>✓</b>		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19391191	1.19391191 ± 0.0003	<b>~</b>		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.51261997	2.51261997 ± 0.0003	<b>✓</b>		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1	1 ± 0.0003	<b>✓</b>		

T				<b>✓</b>
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	<b>~</b>

Test Step 2.97 (Repeat Count = 1)		✓
Name	Input Value	
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	258	
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	
CmMtrCurr_CurroffProcessFlag_M_enum	1	
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.84897995	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.87566257	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.98715258	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	30192.9102	



CmMtrCurr_Per3			rabultat
Name	Input Value		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.69362235		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.32500005		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.51541853		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	188.315002		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	48405.0742		
CmMtrCurr_VecuSum_Volt_M_f32	1301.31494		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	425		
k_MaxCurrOffMtrVel_RadpS_f32	-14.1836586		
k_MtrCurrEOLMaxOffset_Volts_f32	1.92762423		
k_MtrCurrEOLMinOffset_Volts_f32	1.8978399		
k_MtrCurrOffLoComOff_Cnt_u16	630		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	1.07892632		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	2.13208938		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	154.766327		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	27.8470592		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	107.744522		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	55517.6172		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.69640589		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.25554037		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.41780448		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur	r1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCur	r2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_	_Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_Mtrl	RadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	I_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	258	258 ± 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	2.84897995	2.84897995 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.87566257	2.87566257 ± 0.0003	
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.98715258	1.98715258 ± 0.0003	
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	
CmMtrCurr MtrCurr1SumZero Volt M f32	3	3 ± 0.0003	

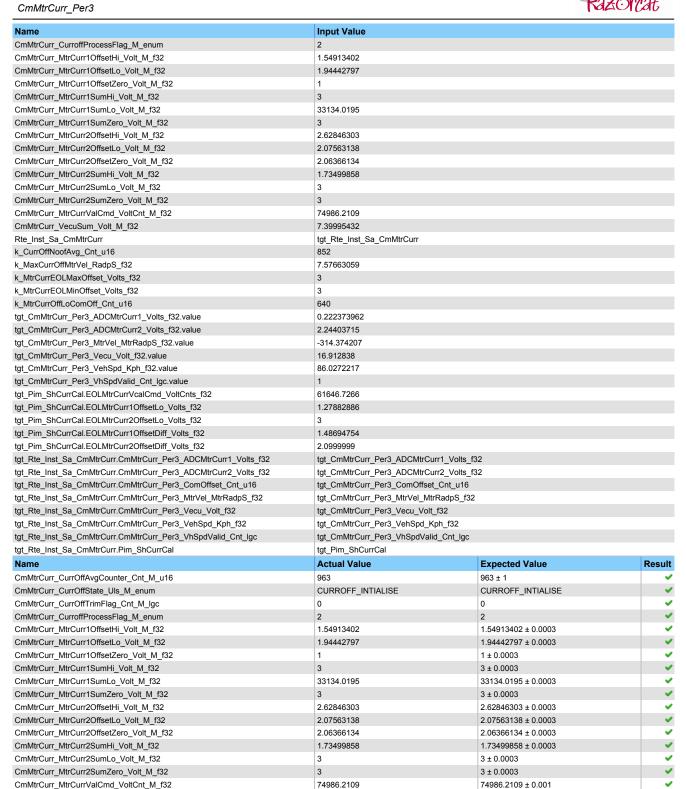
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	258	258 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	~
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	~
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	~
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.84897995	2.84897995 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.87566257	2.87566257 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.98715258	1.98715258 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	30192.9102	30192.9102 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	2.69362235	2.69362235 ± 0.0003	✓
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3.32500005	3.32500005 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.51541853	2.51541853 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	188.315002	188.315002 ± 0.0003	~
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	48405.0742	48405.0742 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	1301.31494	1301.31494 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	55517.6172	55517.6172 ± 0.004	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.69640589	2.69640589 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.25554037	2.25554037 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.41780448	2.41780448 ± 0.0003	~
tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32	3	3 ± 0.0003	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.98 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	963
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0

2016-07-24, 14:02:18+0530





T				<b>✓</b>
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	<b>✓</b>

7.39995432

61646.7266

1.27882886

1.48694754

2.0999999

CmMtrCurr\_VecuSum\_Volt\_M\_f32

tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value

 $tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32$ 

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 

tgt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32 tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

tgt Pim ShCurrCal.EOLMtrCurr2OffsetDiff Volts f32

 $7.39995432 \pm 0.0009765625$ 

61646.7266 ± 0.004 1.27882886 ± 0.0003

1.48694754 ± 0.0003

2.0999999 ± 0.0003

0 ± 1

 $3 \pm 0.0003$ 





Test Step 2.99 (Repeat Count = 1)			<b>✓</b>
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 16.249506		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 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	Volto f22	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr1 tgt_CmMtrCurr_Per3_ADCMtrCurr2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3:		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_0		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrOffAvgCounter Cnt M u16	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	4.400001 ± 0.0003	<b>V</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	18.1694183	18.1694202 ± 0.0003	<b>V</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	88.1449966	88.1449966 ± 0.0003	-
CmMtrCurr_MtrCurrValCmd_VoltCt_M_f32	2.23846722 25603.0664	2.23846722 ± 0.0003	
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr VecuSum Volt M f32	25603.0664 644.887756	25603.0664 ± 0.001 644.887756 ± 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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

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_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_0	Cnt_u16	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrR	adpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	Cnt Igc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	1,030
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE	CURROFF HIAVERAGE	
CmMtrCurr_CurrOffState_Uis_M_enum  CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	
CmMtrCurr CurroffProcessFlag M enum	1	1	
CmMtrCurr_CurromProcessFlag_M_enum  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	
	1.0	3 ± 0.0003	
	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5	4.5 ± 0.0003	
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32			

9.20087242

99.2750015

143.794998 52238.7539

673.361389

4000

CmMtrCurr\_MtrCurr2SumHi\_Volt\_M\_f32

 $CmMtrCurr\_MtrCurr2SumLo\_Volt\_M\_f32$ 

CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32

CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32 CmMtrCurr\_VecuSum\_Volt\_M\_f32 9.20087242 ± 0.0003

99.2750015 ± 0.0003 143.794998 ± 0.0003

52238.7539 ± 0.001

4000 ± 1

673.361389 ± 0.0009765625





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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.75549197	2.75549197 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.20556092	1.20556092 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.91193855	1.91193855 ± 0.0003	✓

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>✓</b>

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_ADCM		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMt	rCurr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOf		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_\	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpd	Valid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	<b>✓</b>

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	64	64 ± 1	<b>✓</b>
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE	CURROFF_HIAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.47964859	2.47964859 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2.79071116	2.79071116 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	257.990479	257.990448 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	<b>✓</b>





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	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	154.925003	154.925003 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	36546.3594	36546.3594 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	677.256714	677.256714 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	4000	4000 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36079.5391	36079.5391 ± 0.004	~
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.96690226	2.96690226 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.88593364	2.88593364 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	~

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

Test Step 2.102 (Repeat Count = 1) Name	Input Value			
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63			
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE			
CmMtrCurr CurrOffTrimFlag Cnt M Igc	_	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3			
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3			
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999			
CmMtrCurr MtrCurr1OffsetZero Volt M f32	4.5999999			
CmMtrCurr MtrCurr1SumHi Volt M f32	0			
CmMtrCurr MtrCurr1SumLo Volt M f32	2.98567462			
	43.625			
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr MtrCurr2OffsetHi Volt M f32	1.57437587			
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001 1.31556726			
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32				
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	16.249506			
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	88.1449966			
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.23846722			
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	25603.0664			
CmMtrCurr_VecuSum_Volt_M_f32	633.515015			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
<_CurrOffNoofAvg_Cnt_u16	64			
k_MaxCurrOffMtrVel_RadpS_f32	9.50732899			
k_MtrCurrEOLMaxOffset_Volts_f32	2.87722993			
k_MtrCurrEOLMinOffset_Volts_f32	3			
k_MtrCurrOffLoComOff_Cnt_u16	500			
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	3			
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.91991305			
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	9			
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	11.3727503			
gt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.32093003e-008			
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1			
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	6889.93945			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731			
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.2081331			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.52772772			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtr0	Curr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffs	et_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_N	/trRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Vc	lt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_	Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdVa	alid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal			
Name	Actual Value	Expected Value	Resu	
CmMtrCurr CurrOffAvgCounter Cnt M u16	0	0 ± 1		

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	•
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0.046875	0.046875 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	~





Name	Actual Value	Expected Value	Result
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.98567462	2.98567462 ± 0.0003	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	43.625	43.625 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0.283897161	0.283897191 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.4000001	4.4000001 ± 0.0003	~
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1.31556726	1.31556726 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.373541	1.373541 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.74678731	2.74678731 ± 0.0003	<b>✓</b>
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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

T4 04-9 0 400 /P-9 -4 0-994 - 4)			. 4
Test Step 2.103 (Repeat Count = 1)			~
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_HIAVERAGE		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.18156958		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	4.69999981		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.69999981		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	320		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	54.7550011		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.69362235		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	8.32323647		
CmMtrCurr MtrCurr2SumLo Volt M f32	99.2750015		
CmMtrCurr MtrCurr2SumZero Volt M f32	143.794998		
CmMtrCurr MtrCurrValCmd VoltCnt M f32	52238.7539		
CmMtrCurr_VecuSum_Volt_M_f32	644.64502		
Rte Inst Sa CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k CurrOffNoofAvg Cnt u16	64		
k_MaxCurrOffMtrVel_RadpS_f32	5.76168537		
k MtrCurrEOLMaxOffset Volts f32	3		
k MtrCurrEOLMinOffset Volts f32	2.70517826		
k MtrCurrOffLoComOff Cnt u16	1500		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	0.877636433		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	5		
tgt CmMtrCurr Per3 Vecu Volt f32.value	28.716383		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.22093002e-008		
tgt CmMtrCurr Per3 VhSpdValid Cnt Igc.value	1		
tgt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	18718.8105		
	2.61436653		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	2.75549197		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.20556092		
	1.20556092		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32		and Malta \$22	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCu		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_Mtr	· <del>-</del>	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_	-	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_K	· <del>-</del>	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid	d_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	✓

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CmMtrCurr\_Per3

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	4.6999981	4.69999981 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	4.6999981	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	~

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CmMtrCurr\_Per3

Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_0	Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0.527535379	0.527535379 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	4.5999999	4.5999999 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2.07563138	2.07563138 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	658	658 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	36079.5391	36079.5391 ± 0.004	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per3 CP1 CheckpointReached	1	<b>_</b>



#### **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
TC3.13 1338 Cycles
TC3.14 1279 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_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMinOffset_Volts_f32) &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOL
          TC3.1 if( CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc == TRUE )=>False
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) && (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) )=False"
TC3.6 (CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 == k_CurrOffNoofAvg_Cnt_u16)=False
TC3.7 "(CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) && (CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32) =True"
TC3.8 "((Abs_f32_m(MtrVel_MtrRadpS_T_f32) < k_MaxCurrOffMtrVel_RadpS_f32) =True&& (VehSpd_kph_T_f32 <= TRUE))"
TC3.9 (CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 == k_CurrOffNoofAvg_Cnt_u16)=True
TC3.10 (CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 == k_CurrOffNoofAvg_Cnt_u16)=True
TC3.11 (CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16 == k_CurrOffNoofAvg_Cnt_u16)=True
TC3.12 "((CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (C
                                        (CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True&& (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32)=True && (CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True&&
                                      (CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32)=True &&
(CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32)=True &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMinOffset_Volts_f32)=False &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32)=False &&
(CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32) )"
3.14 "((CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 >= k_MtrCurrEOLMinOffset_Volts_f32)=True &&
(CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32 <= k_MtrCurrEOLMaxOffset_Volts_f32)=True &&
                                      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	

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CmMtrCurr\_Per3

Chilwiti Curi_Pers			uacitut.
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_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF	RadpS_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp	h_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resul
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	•
tat Dim ShCurrCal EOI MtrCurr1Offeetl o Volte f32	4	1 + 0 0003	

Т				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	•

1 ± 0.0003

1 ± 0.0003 1 ± 0.0003

1 ± 0.0003

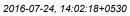
Test Step 3.2 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	2
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32$ 

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32\\ tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32\\$ 

CmMtrCurr\_Per3





Name	Input Value		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	3		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 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_MtrCurrCffl aCompOff Code v16	3		
k_MtrCurrOffLoComOff_Cnt_u16	3		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	3		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	1118		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	31		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	255		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_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_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_ComOffset_0 tgt_CmMtrCurr_Per3_MtrVel_MtrR	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kpt		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	0	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	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	<b>Y</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr MtrCurr2OffsetLo Volt M f32	3 3	3 ± 0.0003 3 ± 0.0003	- V
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	~
	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32			
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
			~

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	~



Input Value		
_		
1		
1.78107488		
2.77936649		
1		
3		
3		
1.35713053		
1.57947969		
2.20168996		
2.81365776		
1.01982665		
650		
0		
1.77544999		
13		
26.1811924		
1.92093008e-008		
1		
79716.3125		
3		
3		
2.33796501		
2.4327662		
	oni_ige	
	Expected Value	Resul
	· · · · · · · · · · · · · · · · · · ·	Resul
_	_	
1		
3	3 ± 0.0003	
3	3 ± 0.0003	
1.35713053	1.35713053 ± 0.0003	
1.57947969	1.57947969 ± 0.0003	•
1.57947969 2.20168996	1.57947969 ± 0.0003 2.20168996 ± 0.0003	
		•
2.20168996	2.20168996 ± 0.0003	
2.20168996 1 4.1755209 2.39919996	2.20168996 ± 0.0003 1 ± 0.0003	
2.20168996 1 4.1755209 2.39919996 1.50101531	$2.20168996 \pm 0.0003$ $1 \pm 0.0003$ $4.1755209 \pm 0.0003$ $2.39919996 \pm 0.0003$ $1.50101531 \pm 0.0003$	
2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969	$2.20168996 \pm 0.0003$ $1 \pm 0.0003$ $4.1755209 \pm 0.0003$ $2.39919996 \pm 0.0003$ $1.50101531 \pm 0.0003$ $24410.7969 \pm 0.001$	
2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969 292.406189	$2.20168996 \pm 0.0003$ $1 \pm 0.0003$ $4.1755209 \pm 0.0003$ $2.39919996 \pm 0.0003$ $1.50101531 \pm 0.0003$ $24410.7969 \pm 0.001$ $292.406189 \pm 0.0009765625$	
2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969 292.406189 4000	$2.20168996 \pm 0.0003$ $1 \pm 0.0003$ $4.1755209 \pm 0.0003$ $2.39919996 \pm 0.0003$ $1.50101531 \pm 0.0003$ $24410.7969 \pm 0.001$ $292.406189 \pm 0.0009765625$ $4000 \pm 1$	
2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969 292.406189 4000 79716.3125	$2.20168996 \pm 0.0003$ $1 \pm 0.0003$ $4.1755209 \pm 0.0003$ $2.39919996 \pm 0.0003$ $1.50101531 \pm 0.0003$ $24410.7969 \pm 0.001$ $292.406189 \pm 0.0009765625$ $4000 \pm 1$ $79716.3125 \pm 0.004$	
2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969 292.406189 4000 79716.3125 3	$2.20168996 \pm 0.0003$ $1 \pm 0.0003$ $4.1755209 \pm 0.0003$ $2.39919996 \pm 0.0003$ $1.50101531 \pm 0.0003$ $24410.7969 \pm 0.001$ $292.406189 \pm 0.0009765625$ $4000 \pm 1$ $79716.3125 \pm 0.004$ $3 \pm 0.0003$	
2.20168996 1 4.1755209 2.39919996 1.50101531 24410.7969 292.406189 4000 79716.3125	$2.20168996 \pm 0.0003$ $1 \pm 0.0003$ $4.1755209 \pm 0.0003$ $2.39919996 \pm 0.0003$ $1.50101531 \pm 0.0003$ $24410.7969 \pm 0.001$ $292.406189 \pm 0.0009765625$ $4000 \pm 1$ $79716.3125 \pm 0.004$	
	1.78107488 2.77936649 1 3 3 1.35713053 1.57947969 2.20168996 1 2.40007114 2.39919996 1.50101531 24410.7969 266.225006 tgt_Rte_Inst_Sa_CmMtrCurr 5 13.78934 2.81365776 1.01982665 650 0 1.77544999 13 26.1811924 1.92093008e-008 1 79716.3125 3 3 2.33796501 2.4327662 tgt_CmMtrCurr_Per3_ADCMtrCurr1 tgt_CmMtrCurr_Per3_ADCMtrCurr2 tgt_CmMtrCurr_Per3_ADCMtrCurr2 tgt_CmMtrCurr_Per3_Vecu_Volt_f3 tgt_CmMtrCurr_Per3_Vecu_Volt_f3 tgt_CmMtrCurr_Per3_VehSpd_Kph tgt_CmMtrCurr_Per3_VehSpd_Kph tgt_CmMtrCurr_Per3_VehSpd_Valid_itgt_Pim_ShCurrCal Actual Value 4 CURROFF_HIAVERAGE 1 1.78107488 2.77936649 1 3 3 3	3 CURROFF_HIAVERAGE 1 1 1.78107488 2.77936649 1 1 3 3 3.1.35713053 1.57947969 2.20168996 1 2.40007114 2.39919996 1.50101531 2.4410.7969 2.66.225006 tgt_Rte_Inst_Sa_CmMtrCurr 5 13.78934 2.81365776 1.01982665 650 0 1.77544999 13 26.1811924 1.92093008e-008 1 79716.3125 3 3 2.33796501 2.4327662 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_VenSpd_Kph_f32 tgt_CmMtrCurr_Per3_VenSpd_Kph_f33 tgt_Cm

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CmMtrCurr\_Per3

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 3.4 (Repeat Count = 1)		<b>✓</b>
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	
CANAMOCANTE MAT SUFFI 1 SAFET STEED WHOLE AM 1 5322		





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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	✓
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.93776929	1.93776929 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.30192566	2.30192566 ± 0.0003	<b>✓</b>

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	<b>✓</b>

Test Step 3.5 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5		
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC		
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1		
CmMtrCurr_CurroffProcessFlag_M_enum	0		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.2157042		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.65512764		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.1293149		
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.24502039		
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.56739533		
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	2		
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	2.16943264		
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3		
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.87105429		
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	54641.4297		
CmMtrCurr_VecuSum_Volt_M_f32	288.484985		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrOffNoofAvg_Cnt_u16	5		
k_MaxCurrOffMtrVel_RadpS_f32	10.7542696		
k_MtrCurrEOLMaxOffset_Volts_f32	3		
k_MtrCurrEOLMinOffset_Volts_f32	3		
k_MtrCurrOffLoComOff_Cnt_u16	750		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	2.35665202		
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.39090562		
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	10		
tgt_CmMtrCurr_Per3_Vecu_Volt_f32.value	10.8860092		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32.value	1.42093004e-008		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	5549.88623		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.08785343		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.94626999		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.92457032		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per3_ADCM		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCM		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComO		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_	<del>-</del>	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSp	- · -	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpd	Valid_Cnt_lgc	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5	5 ± 1	~

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	5	5 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	0	0	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	3	3	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	2.2157042	2.2157042 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.65512764	1.65512764 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	2	2 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	2.1293149	2.1293149 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.24502039	1.24502039 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	1.56739533	1.56739533 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	1.87105429	1.87105429 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	54641.4297	54641.4297 ± 0.001	<b>✓</b>
CmMtrCurr_VecuSum_Volt_M_f32	288.484985	288.484985 ± 0.0009765625	<b>✓</b>
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	5549.88623	5549.88623 ± 0.004	<b>~</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.08785343	2.08785343 ± 0.0003	<b>✓</b>
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	~

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	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_ADCMtrC	urr1_Volts_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrC	urr2_Volts_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffse	et_Cnt_u16			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_M	trRadpS_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Vol	t_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_I	Kph_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdVa	lid_Cnt_lgc			
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal				
Name	Actual Value	Expected Value	Resul		
CmMtrCurr CurrOffAvaCounter Cnt M u16	7	7 + 1			

Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	7	7 ± 1	<b>✓</b>
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	✓
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	<b>✓</b>
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3 ± 0.0003	✓
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.61728585	1.61728585 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	4.76790476	4.76790476 ± 0.0003	<b>✓</b>
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	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.19832134	1.19832134 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	2.70113182	2.70113182 ± 0.0003	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	2.12521768	2.12521768 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.1041311	1.1041311 ± 0.0003	~

Τ					
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 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_ADCMtrCurr	1 Volts f32	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt_CmMtrCurr_Per3_ADCMtrCurr		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset		
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 MtrVel MtrRadpS f32	tgt CmMtrCurr Per3 MtrVel MtrF	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f	· <del>-</del>	
tgt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 VehSpd Kph f32	tgt CmMtrCurr Per3 VehSpd Kp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid	_	
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Resu
	7	7 ± 1	Resu
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3	3 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.16022956	1.16022956 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3	3 ± 0.0003	<b>✓</b>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	33953.457	33953.457 ± 0.001	~
CmMtrCurr_VecuSum_Volt_M_f32	310.744995	310.744995 ± 0.0009765625	~
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0	0 ± 1	~
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	33953.457	33953.457 ± 0.004	<b>✓</b>
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	1.64490235	1.64490235 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetLo_Volts_f32	1.5	1.5 ± 0.0003	_
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1.35509765	1.35509765 ± 0.0003	~
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1.5	1.5 ± 0.0003	~

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	Rte_Call_Sa_CmMtrCurr_EOLShCurrCal_WriteBlock	1	<b>✓</b>
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	-

Name	Input Value
CmMtrCurr CurrOffAvgCounter Cnt M u16	8
CmMtrCurr CurrOffState Uls M enum	CURROFF HIAVERAGE
CmMtrCurr CurrOffTrimFlag Cnt M lgc	1
CmMtrCurr CurroffProcessFlag M enum	1
CmMtrCurr MtrCurr1OffsetHi Volt M f32	1.78107488
CmMtrCurr MtrCurr1OffsetLo Volt M f32	2.77936649
CmMtrCurr MtrCurr1OffsetZero Volt M f32	1
CmMtrCurr MtrCurr1SumHi Volt M f32	3
CmMtrCurr MtrCurr1SumLo Volt M f32	3
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.35713053
CmMtrCurr MtrCurr2OffsetHi Volt M f32	1.57947969
CmMtrCurr MtrCurr2OffsetLo Volt M f32	2.20168996
CmMtrCurr MtrCurr2OffsetZero Volt M f32	1
CmMtrCurr MtrCurr2SumHi Volt M f32	2.40007114
CmMtrCurr MtrCurr2SumLo Volt M f32	2.39919996
CmMtrCurr MtrCurr2SumZero Volt M f32	1.50101531
CmMtrCurr MtrCurrValCmd VoltCnt M f32	24410.7969
CmMtrCurr VecuSum Volt M f32	321.875
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr
C CurrOffNoofAvg Cnt u16	20
MaxCurrOffMtrVel RadpS f32	13.78934
MtrCurrEOLMaxOffset Volts f32	2.81365776
MtrCurrEOLMinOffset Volts f32	1.01982665
MtrCurrOffLoComOff Cnt u16	900
gt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0
gt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32.value	1.77544999
gt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32.value	13
gt CmMtrCurr Per3 Vecu Volt f32.value	26.1811924
gt CmMtrCurr Per3 VehSpd Kph f32.value	1
gt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc.value	1
gt Pim ShCurrCal.EOLMtrCurrVcalCmd VoltCnts f32	79716.3125
gt Pim ShCurrCal.EOLMtrCurr1OffsetLo Volts f32	3
gt Pim ShCurrCal.EOLMtrCurr2OffsetLo Volts f32	3
gt Pim ShCurrCal.EOLMtrCurr1OffsetDiff Volts f32	2.33796501
gt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	2.4327662
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr1 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr1 Volts f32
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ADCMtrCurr2 Volts f32	tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32
gt Rte Inst Sa CmMtrCurr.CmMtrCurr Per3 ComOffset Cnt u16	tgt CmMtrCurr Per3 ComOffset Cnt u16





Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	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	<b>✓</b>
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	~

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

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





Input Value		
3		
2.33796501		
2.4327662		
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Vo	lts_f32	
tgt_CmMtrCurr_Per3_ADCMtrCurr2_Vo	lts_f32	
tgt_CmMtrCurr_Per3_ComOffset_Cnt_u	116	
tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS	_f32	
tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_	<u>lgc</u>	
tgt_Pim_ShCurrCal		
Actual Value	Expected Value	Result
0	0 ± 1	✓
CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	✓
1	1	✓
1	1	<b>✓</b>
	3 2.33796501 2.4327662 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Vo tgt_CmMtrCurr_Per3_ADCMtrCurr2_Vo tgt_CmMtrCurr_Per3_ComOffset_Cnt_u tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_ tgt_Pim_ShCurrCal  Actual Value 0	3 2.33796501 2.4327662 tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16 tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32 tgt_CmMtrCurr_Per3_Vecu_Volt_f32 tgt_CmMtrCurr_Per3_VehSpd_Kph_f32 tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc tgt_Pim_ShCurrCal  Actual Value  0 Expected Value 0

tgt_rtte_mst_oa_onivitroum: im_onourrour	tgt_r im_onourrour		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	0	0 ± 1	~
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE	CURROFF_LOAVERAGE	<b>✓</b>
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1	1	~
CmMtrCurr_CurroffProcessFlag_M_enum	1	1	<b>✓</b>
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	0.046875	0.046875 ± 0.0003	~
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	2.77936649	2.77936649 ± 0.0003	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1	1 ± 0.0003	~
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	4.1755209	4.1755209 ± 0.0003	<b>✓</b>
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	<b>✓</b>
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	~

Τ				<b>✓</b>
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	<b>✓</b>

Nama	Imput Value
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	63
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_LOAVERAGE
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1
CmMtrCurr_CurroffProcessFlag_M_enum	1
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1.61728585
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	1.16198051
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	2.49484968
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.25865233
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.91161692
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	1
CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	1.69007492
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	1.76790476
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	2.1677835
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	56885.8242
CmMtrCurr_VecuSum_Volt_M_f32	344.13501
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
k_CurrOffNoofAvg_Cnt_u16	64
k_MaxCurrOffMtrVel_RadpS_f32	0.119885504
k_MtrCurrEOLMaxOffset_Volts_f32	3
k_MtrCurrEOLMinOffset_Volts_f32	1.68836021
k_MtrCurrOffLoComOff_Cnt_u16	1000
tgt_CmMtrCurr_Per3_ADCMtrCurr1_Volts_f32.value	0.214018106
tgt CmMtrCurr Per3 ADCMtrCurr2 Volts f32.value	3

CmMtrCurr\_Per3



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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_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRadpS_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_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	0.40005000		
	2.46805692	2.46805692	~
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	0.09375	2.46805692 0.09375	<b>*</b>
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32			
	0.09375	0.09375	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	0.09375 2.46084809	0.09375 2.46084809	~
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0.09375 2.46084809 1.86561072	0.09375 2.46084809 1.86561072	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	0.09375 2.46084809 1.86561072 6	0.09375 2.46084809 1.86561072 6	· · ·
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	0.09375 2.46084809 1.86561072 6 3	0.09375 2.46084809 1.86561072 6 3	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	0.09375 2.46084809 1.86561072 6 3 2.85745907	0.09375 2.46084809 1.86561072 6 3 2.85745907	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772 2.35386825	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772 2.35386825	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772 2.35386825 2.47220445	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772 2.35386825 2.47220445	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772 2.35386825 2.47220445 4.09178734	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772 2.35386825 2.47220445 4.09178734	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772 2.35386825 2.47220445 4.09178734 27914.8262	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772 2.35386825 2.47220445 4.09178734 27914.8262	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772 2.35386825 2.47220445 4.09178734 27914.8262 355.265015	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772 2.35386825 2.47220445 4.09178734 27914.8262 355.265015	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772 2.35386825 2.47220445 4.09178734 27914.8262 355.265015 0	0.09375 2.46084809 1.86561072 6 3 2.85745907 0.0639341772 2.35386825 2.47220445 4.09178734 27914.8262 355.265015 0±1	· · · · · · · · · · · · · · · · · · ·

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	~

1.93776929

2.30192566

1.93776929 ± 0.0003

2.30192566 ± 0.0003

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	

tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32

CmMtrCurr\_Per3



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_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_Cnt_lgc
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal

tgt_Fiiii_Siiouiioai		
Actual Value	Expected Value	Result
1	1 ± 1	•
CURROFF_INTIALISE	CURROFF_INTIALISE	•
0	0	•
3	3	•
1.5	1.5	•
1.64490235	1.64490235	<b>✓</b>
3	3	<b>✓</b>
3	3	<b>✓</b>
1.16706789	1.16706789	<b>✓</b>
1.78895056	1.78895056	<b>✓</b>
3	3	•
1.5	1.5	•
3	3	•
1.16022956	1.16022956	•
3	3	~
3	3	<b>✓</b>
33953.457	33953.457	<b>✓</b>
366.394989	366.394989	<b>✓</b>
0	0 ± 1	•
68435.9531	68435.9531 ± 0.004	•
1.96729159	1.96729159 ± 0.0003	•
3	3 ± 0.0003	•
2.37171364	2.37171364 ± 0.0003	~
2.71984124	2.71984124 ± 0.0003	~
	Actual Value  1 CURROFF_INTIALISE 0 3 1.5 1.64490235 3 3 1.16706789 1.78895056 3 1.5 3 1.16022956 3 3 33953.457 366.394989 0 68435.9531 1.96729159 3 2.37171364	Actual Value         Expected Value           1         1 ± 1           CURROFF_INTIALISE         CURROFF_INTIALISE           0         3           3         3           1.5         1.5           1.64490235         1.64490235           3         3           1.16706789         1.16706789           1.78895056         1.78895056           3         3           1.5         1.5           3         3           1.16022956         1.16022956           3         3           33953.457         33953.457           366.394989         366.394989           0         0 ± 1           68435.9531         68435.9531 ± 0.004           1.96729159         1.96729159 ± 0.0003           3         3± 0.0003           2.37171364         2.37171364 ± 0.0003

Τ				<b>✓</b>
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)		<b>✓</b>
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	

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CmMtrCurr_Per3			Razorcat
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_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrF	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kp		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	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	<b>✓</b>
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	<b>→</b>
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	<b>~</b>
CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3	3	
·			

Τ				<b>~</b>
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	_

33953.457

377.524994

68435.9531

1.96729159

2.37171364

2.71984124

33953.457

0 ± 1

377.524994

3 ± 0.0003

68435.9531 ± 0.004

1.96729159 ± 0.0003

2.37171364 ± 0.0003

2.71984124 ± 0.0003

Test Step 3.14 (Repeat Count = 1)	✓
Name	Input Value
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_CALC

CmMtrCurr\_MtrCurr2SumZero\_Volt\_M\_f32

CmMtrCurr\_MtrCurrValCmd\_VoltCnt\_M\_f32

 $tgt\_CmMtrCurr\_Per3\_ComOffset\_Cnt\_u16.value$ 

tgt\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetLo\_Volts\_f32$ 

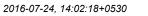
tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetLo\_Volts\_f32

 $tgt\_Pim\_ShCurrCal.EOLMtrCurr1OffsetDiff\_Volts\_f32$ 

tgt\_Pim\_ShCurrCal.EOLMtrCurr2OffsetDiff\_Volts\_f32

CmMtrCurr\_VecuSum\_Volt\_M\_f32

CmMtrCurr\_Per3





Name	Input Value			
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc	1			
CmMtrCurr_CurroffProcessFlag_M_enum 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	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per3_ADCMtrCurr2			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_Ci	_		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_VebSpd_Kpb			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph_			
tgt_Rte_Inst_Sa_CmMtrCurr_CmMtrCurr_Per3_VhSpdValid_Cnt_Igc	tgt_CmMtrCurr_Per3_VhSpdValid_C	in_igc		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal	Formanda d Victoria	-	<b>.</b>
Name	Actual Value	Expected Value	r	Resul
CmMtrCurr_CurrOffAvgCounter_Cnt_M_u16	3	3 ± 1		•
CmMtrCurr_CurrOffState_Uls_M_enum	CURROFF_INTIALISE	CURROFF_INTIALISE		•
CmMtrCurr_CurrOffTrimFlag_Cnt_M_lgc CmMtrCurr_CurroffProcessFlag_M_enum	0	0		
	2	2		
CmMtrCurr_MtrCurr1OffsetHi_Volt_M_f32	3	3		•
Continue Marchine Marchine Official o Volt M 522	3	3		•
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	3 1.5	3 1.5		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	3 1.5 2	3 1.5 2		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32	3 1.5 2 2.34302044	3 1.5 2 2.34302044		•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	3 1.5 2 2.34302044 1.61692572	3 1.5 2 2.34302044 1.61692572		•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	3 1.5 2 2.34302044 1.61692572 2.6369369	3 1.5 2 2.34302044 1.61692572 2.6369369		•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915		•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915		•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1		•
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0±1		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0 62447.9336	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0±1 62447.9336±0.004		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_Voltcnt_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0 62447.9336 1.77314484	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0±1 62447.9336±0.004 1.77314484±0.0003		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 CmMtrCurr_MtrCurr1SumLo_Volt_M_f32 CmMtrCurr_MtrCurr1SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32 CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumHi_Volt_M_f32 CmMtrCurr_MtrCurr2SumLo_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurr2SumZero_Volt_M_f32 CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0 62447.9336	3 1.5 2 2.34302044 1.61692572 2.6369369 1.38367915 1 2 2.69245267 1.64579737 2.93037891 20898.541 388.654999 0±1 62447.9336±0.004		

Т				<b>✓</b>
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)			<b>✓</b>
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_MtrCurr4OffsetHi_Volt_M_f32	3		
CmMtrCurr_MtrCurr1OffsetLo_Volt_M_f32	1		
CmMtrCurr_MtrCurr1OffsetZero_Volt_M_f32	1.48992085		
CmMtrCurr_MtrCurr1SumHi_Volt_M_f32 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 2.95542264		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32 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		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_ComOffset_Cnt_u16	tgt_CmMtrCurr_Per3_ComOffset_C		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_MtrVel_MtrRadpS_f32	tgt_CmMtrCurr_Per3_MtrVel_MtrRa	_	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_Vecu_Volt_f32	tgt_CmMtrCurr_Per3_Vecu_Volt_f3.		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VehSpd_Kph_f32	tgt_CmMtrCurr_Per3_VehSpd_Kph		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per3_VhSpdValid_Cnt_lgc	tgt_CmMtrCurr_Per3_VhSpdValid_0	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	<b>~</b>
CmMtrCurr_MtrCurr1SumLo_Volt_M_f32	0	0	~
CmMtrCurr_MtrCurr1SumZero_Volt_M_f32	1.59864044	1.59864044	<b>V</b>
CmMtrCurr_MtrCurr2OffsetHi_Volt_M_f32	1.64645708	1.64645708	<b>~</b>
CmMtrCurr_MtrCurr2OffsetLo_Volt_M_f32	3	3	
CmMtrCurr_MtrCurr2OffsetZero_Volt_M_f32 CmMtrCurr MtrCurr2SumHi Volt M f32	0	0	~
CmMtrCurr_MtrCurr2SumHi_voit_M_f32 CmMtrCurr MtrCurr2SumLo Volt M f32		U	
CmMtrCurr_MtrCurr2SumZero_Volt_M_f32		0	
S Sun_mu ounzoumzoro_voit_ivi_loz	0	0	<b>Y</b>
CmMtrCurr MtrCurrValCmd VoltCnt M f32	0 3	3	<i>y</i>
CmMtrCurr_MtrCurrValCmd_VoltCnt_M_f32 CmMtrCurr VecuSum Volt M f32	0 3 65784.1328	3 65784.1328	<b>V</b>
CmMtrCurr_VecuSum_Volt_M_f32	0 3	3 65784.1328 0	~
	0 3 65784.1328 0	3 65784.1328	· ·
CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value	0 3 65784.1328 0 4000	3 65784.1328 0 4000 ± 1	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0 3 65784.1328 0 4000 48316.1758	3 65784.1328 0 4000 ± 1 48316.1758 ± 0.004	· · · · · · · · · · · · · · · · · · ·
CmMtrCurr_VecuSum_Volt_M_f32 tgt_CmMtrCurr_Per3_ComOffset_Cnt_u16.value tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32 tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetLo_Volts_f32	0 3 65784.1328 0 4000 48316.1758 2.95542264	3 65784.1328 0 4000 ± 1 48316.1758 ± 0.004 2.95542264 ± 0.0003	· · · · · · · · · · · · · · · · · · ·

2016-07-24, 14:02:18+0530



CmMtrCurr\_Per3

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP0_CheckpointReached	1	~
Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per3_CP1_CheckpointReached	1	<b>✓</b>

CmMtrCurr\_SCom\_ReadMtrCurrCals

2016-07-24, 14:06:32+0530



Project CmMtrCurr1

 Module
 CmMtrCurr\_MTRCURRPHASECA\_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= -DMTRCURRPHASECA -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\\$(PROJECTROOT)\CmMtrCurr\utp\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Spec	cification
Name	Text
Module 'CmMtrCurr_MTRCURRPHASECA_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  Unit Test Plan Version:2  Optimization Level:Level 2  Compiler (CodeGen) Version:TMS470_4.9.5  Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32  Total FLASH Used (Bytes):3176  Total FLASH Used (Bytes):130  Total FLASH Used (Bytes):48  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_, CmMtrCurr1SumLo_Volt_M_f32_, MtrCurr2SumLo_Volt_M_f32_, MtrCurr2SumLo_Volt_M_f32_, MtrCurr2SumLo_Volt_M_f32_, MtrCurr2SumLo_Volt_M_f32_, MtrCurr1SumLo_Volt_M_f32_, MtrCurr2SumLo_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

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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_Ps.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:

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

#### Description

#### VECTOR DESCRIPTION:

```
TS1.1 All Min
```

TS1.2 All Max 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 TS1.9 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==>Pos
TS1.13 Rte\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32==>Max
TS1.14 Rte\_Pim\_ShCurrCal.EOLPhscurr2Gain\_AmpspVolt\_f32==>Mos
TS1.15 Rte\_Pim\_ShCurrCal.EOLMtrCurr2Offsett.o\_Volts\_f32==>Max
TS1.16 Rte\_Pim\_ShCurrCal.EOLMtrCurr2Offsett.o\_Volts\_f32==>Max
TS1.17 Rte\_Pim\_ShCurrCal.EOLMtrCurr2Offsett.o\_Volts\_f32==XBCurrCal.EOLMtrCurr2Offsett.o\_Volts\_f32==XBCurrCal.EOLMtrCurr2Offsett.o\_V 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==>MrCal.EOLMtrCurr2OffsetDP

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 $tgt\_ShCurrCalPtr.EOLMtrCurr1OffsetDiff\_Volts\_f32$ 

 $tgt\_ShCurrCalPtr.EOLMtrCurr2OffsetDiff\_Volts\_f32$ 

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3 ± 0.0003

3 ± 0.0003

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	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_EOI_MtrCurr2OffsetLo_Volts_f32	3	3 + 0 0003	_	

Test Step 1.3 (Repeat Count = 1)		<u> </u>
Name	Input Value	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
ShCurrCalPtr	tgt_ShCurrCalPtr	
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	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		

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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	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	74.9096909	74.90968764 ± 0.002	~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	125	125 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	3	3 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.93573523	1.935735285 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.73712897	2.737128913 ± 0.0003	<b>✓</b>

Test Step 1.6 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	100.245132	100.2451305 ± 0.002	<b>~</b>
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	108.996132	108.9961307 ± 0.002	<b>✓</b>
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	~

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	•
tot 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	

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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	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	54.4717789	54.4717772 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	105.3592	105.3591967 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.65990663	2.659906507 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.38892531	1.388925314 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

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	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	20	20 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	124.879395	124.8793916 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.06673265	2.066732585 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.70938802	2.709388077 ± 0.0003	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>



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	<b>-</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.88996196	2.889962077 ± 0.0003	•
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	3	3 ± 0.0003	•
tot ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	1.73244011	1.732440114 ± 0.0003	•

Test Step 1.13 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	112.832649	112.832647 ± 0.002	<b>✓</b>
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	<b>✓</b>



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	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	47.5	47.5 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1.1829288	1.182928801 ± 0.0003	·
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.2926687	1.2926687 ± 0.0003	<b>✓</b>
tot 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	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	33.0467796	33.04677856 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	93.4100723	93.41007292 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	1	1 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	2.18333864	2.183338583 ± 0.0003	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	3	3 ± 0.0003	<b>✓</b>

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)			<u> </u>
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	<b>✓</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetLo_Volts_f32	2.5	2.5 ± 0.0003	~
tgt_ShCurrCalPtr.EOLMtrCurr1OffsetDiff_Volts_f32	1.80439651	1.804396451 ± 0.0003	<b>✓</b>
tgt ShCurrCalPtr.EOLMtrCurr2OffsetDiff Volts f32	1.69596767	1.695967615 ± 0.0003	<b>✓</b>

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	<b>~</b>
tgt_ShCurrCalPtr.EOLMtrCurr2OffsetDiff_Volts_f32	2.80797553	2.807975531 ± 0.0003	<b>✓</b>

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	<b>✓</b>
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		<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	21.7275562 21.72755599 ± 0.002		~
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	79.2563553	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	<b>✓</b>
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	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr1Gain_AmpspVolt_f32	37.7828598	37.78285849 ± 0.002	<b>✓</b>
tgt_ShCurrCalPtr.EOLPhscurr2Gain_AmpspVolt_f32	52.9608765	52.96087492 ± 0.002	<b>✓</b>
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	~

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	•

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Test Step 1.23 (Repeat Count = 1)			<b>✓</b>
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	•

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CmMtrCurrTempOffset\_Scom\_Get

Project CmMtrCurr1

 Module
 CmMtrCurr\_MTRCURRPHASECA\_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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contractSa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\utp\contractSa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\utp\contractSa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\utp\contractSa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\utp\contractSa_CmMtrCurr -I\$(PROJECTROOT)\Cmm\utp\contractSa_CmMtrCurr\utp\contractSa_CmMtrcurr\utp\contractSa_CmMtrcurr\utp\contractSa_CmMtrcurr\utp\contractSa_CmMtrcurr\utp\contractSa_CmMtrcurr\utp\contractSa_CmMtrcurr\utp\contractSa_CmMtrcurr\utp\contractSa_CmMtrcurr\utp\contractSa_CmMtrcurr\utp\contractSa_CmMtrcurr\utp\contractSa_CmMtrcurr\utp\contractSa_CmMtrcurr\utp\contractSa_CmMtrcurr\utp\cont	

Comments/Description/Spe	ecification
Name	Text
Module 'CmMtrCurr_MTRCURRPHASECA_ON	Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Under Test:Sa_CmMtrCurr.d Code File(s) Version:2 Module Design Document:CmMtrCurr_MDD.docx Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:2 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32 Total FLASH Used (Bytes):3176 Total RAM Used (Bytes):330 Total RAM Used (Bytes):46 Special Test Requirements:NA Test Date:7723/2016 Comments: "Note1: Inline functions defined in globalmacro.h are not unit tested. Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3:- In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors.accepted by devloper variables are :- MtrCurr2SumHi_Volt_M_f32_, VecuSum_Volt_M_f32_, MtrCurr1SumLo_Volt_M_f32_, MtrCurr2SumLo_Volt_M_f32_, MtrCurr1SumZero_Volt_M_f32_, MtrCurr2SumZero_Volt_M_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

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# CmMtrCurrTempOffset\_Scom\_Get

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_Ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



#### Test Case 1: Range Test

CmMtrCurrTempOffset\_Scom\_Get

#### Specification

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

CPU Cycles:

168:

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

#### Description

#### Vector Description:

TS1.1 All Min

TS1.3 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Min TS1.4 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Max TS1.4 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Max
TS1.5 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Pos
TS1.6 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Zero
TS1.7 Rte\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5==>Neg
TS1.8 Rte\_Pim\_CurrTempOffset.CurrOffsetY\_DegC\_s10p5==>Neg
TS1.9 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11==>Min
TS1.9 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11==>Pos
TS1.11 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11==>Zero
TS1.12 Rte\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11==>Neg
TS1.13 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11==>Min
TS1.14 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11==>Max
TS1.15 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11==>Neg
TS1.16 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11==>Zero
TS1.17 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11==>Zero
TS1.17 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11==>Zero
TS1.17 Rte\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11==>Neg

Test Step 1.1 (Repeat Count = 1)		
Name	Input Value	
CurrTempOffCal	tgt_CurrTempOffCal	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-1600	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-53	
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-53	

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CmMtrCurrTempOffset\_Scom\_Get

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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
tot Dto Inot Co CmMtrCurr Dim CurrTomnOffoot	tat Dim CurrTompOffeet

tg_r ini_out rempensed.out onect z_void_o-pri[to]	1 1 D: 0 T 0" 1		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset	1=	1=
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	-1600	-1600	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	-1600	-1600	<b>~</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-1600	-1600	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-1600	-1600	<b>~</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-1600	-1600	<b>~</b>
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	<b>✓</b>
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	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-53	-53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-53	-53	<b>✓</b>
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	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-53	-53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-53	-53	<b>✓</b>
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	

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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] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	4800 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 53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	53		
tgt_rim_ourrTempOffset.OurrOffsetY1_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 53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	53		
tgt_nim_ourremporiset.ourroffsetY2_voits_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] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	53 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		
Manage			
	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	4800	4800	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	4800 4800	4800 4800	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	4800 4800 4800	4800 4800 4800	~
Name  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[4]	4800 4800 4800 4800	4800 4800 4800 4800	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	4800 4800 4800 4800 4800	4800 4800 4800 4800 4800	7
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	4800 4800 4800 4800	4800 4800 4800 4800	***
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800	0
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800	
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tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
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tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	
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tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]  tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrTempOffsetY_DegC_s10p5[15]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]  tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 53 53 53 53 53	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 53 53 53 53	
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CmMtrCurrTempOffset\_Scom\_Get

2016-07-24, 14:08:08+0530



Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	53	53	<b>✓</b>
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	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53	53	<b>✓</b>
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	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	53	53	<b>✓</b>

lame	Input Value	
CurrTempOffCal	tgt CurrTempOffCal	
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr	
	-1600	
pt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1600	
t_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1600	
pt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2] pt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-1600	
	-1600	
pt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]		
pt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-1600 -1600	
t_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]		
t_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-1600	
pt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	-1600	
pt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	-1600	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	-1600	
pt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	-1600	
pt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	-1600	
pt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	-1600	
pt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	-1600	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-14	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-16	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-18	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-20	
pt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-23	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-25	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-27	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-29	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-31	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-33	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-35	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-37	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-39	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-41	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-43	
t_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-45	
t_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	2	
t_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	4	
t_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	6	
t_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	8	
t_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	10	
t_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	12	
t_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	14	
pt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	16	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	18	
t_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	20	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	23	
pt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	25	

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Name
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

tg_rim_ourrempondet.ourremotitz_veite_expri[14]	01		
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	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-1600	-1600	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-1600	-1600	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	-1600	-1600	<b>✓</b>
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	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-39	-39	<b>Y</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	-41	-41	<b>✓</b>
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	<b>~</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	10	10	<b>v</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	12	12	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	14	14	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	16	16	<b>~</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	18	18	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	20	20	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	23	23	<b>✓</b>
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	<b>V</b>

Test Step 1.4 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CurrTempOffCal	tgt_CurrTempOffCal	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	4800	
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	4800	

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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 -53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3] 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 41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3] 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		
	A . 13.6 I		
Name	Actual Value	Expected Value	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	4800	4800	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	4800 4800	4800 4800	<i>\</i>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	4800 4800 4800	4800 4800 4800	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	4800 4800	4800 4800	· · · · · · · · · · · · · · · · · · ·
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	4800 4800 4800 4800	4800 4800 4800 4800	• • • • • • • • • • • • • • • • • • •
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	4800 4800 4800 4800 4800	4800 4800 4800 4800 4800	• • • • • • • • • • • • • • • • • • •
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800	• • • • • • • • • • • • • • • • • • •
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6]	4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800	• • • • • • • • • • • • • • • • • • •
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800	• • • • • • • • • • • • • • • • • • •
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	• • • • • • • • • • • • • • • • • • •
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11]	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	• • • • • • • • • • • • • • • • • • •
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	• • • • • • • • • • • • • • • • • • •
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800 4800	• • • • • • • • • • • • • • • • • • •
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tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[15] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[16]	4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[6] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[11] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[0] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[2] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[3] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[6] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[1] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[13] tgt_CurrTempOffCal.CurrOffsetY1_volts_s4p11[15]	4800 4800 4800 4800 4800 4800 4800 4800	4800 4800 4800 4800 4800 4800 4800 4800	

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Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	41	41	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	43	43	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	45	45	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	47	47	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	49	49	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51	51	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2	-2	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4	-4	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-6	-6	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-8	-8	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-10	-10	~
tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[15]	-12	-12	✓

Test Step 1.5 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CurrTempOffCal	tgt_CurrTempOffCal		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	320		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	480		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	640		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	800		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[4]	960		
tgt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[5]	1280		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1440		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	1600		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2080		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2400		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	2560		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	2720		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3040		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	3360		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	3680		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4160		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	37		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	41		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	43		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	45		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	47		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	49		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	51		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-2		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-4		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-6		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-8		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-10		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-18		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-27		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-29		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-31		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-33		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-35		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-37		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-39		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	-41		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[14]	-43		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	-45		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset	tgt_Pim_CurrTempOffset		
Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	320	320	~
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	480	480	<b>~</b>
tot 0T0#0-10T0#tV D040-5[0]	0.40	0.40	

640

640

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**Actual Value Expected Value**  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[3]$ 800 800 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[4] 960 960 1280 1280  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[5]$  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[6]$ 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 3360 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[13] 3360  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[14]$ 3680 3680 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[15] 4160 4160 tat CurrTempOffCal.CurrOffsetY1 Volts s4p11[0] 35 35 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[1] 37 37 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[2] 39 39 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[3] 41 41 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[4] 43 43 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[5] 45 45 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[6] 47 47 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[7] 49 49 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[8] 51 51 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[9] 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[10] -2 -2 -4 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[11] -4 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[12] -6 -6 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[13] -8 -8  $tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[14]$ -10 -10 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[15] -12 -12 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[0] -14 -14 -16 -16 tot CurrTempOffCal.CurrOffsetY2 Volts s4p11[1] 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 tot 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

Test Step 1.6 (Repeat Count = 1)	<b>✓</b>
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

-45

-45

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[15]

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[15]

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 Name
 Actual Value
 Expected Value
 Result

 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[12]
 18
 18
 18

 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[13]
 20
 20
 10

 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[14]
 23
 23
 23

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	Resul
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[7]	-896	-896	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[9]	-800	-890	
tgr_ourremponour.ourremponsetx_bego_s topo[a]			
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	-704	-704	

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**Actual Value Expected Value** tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[12] -480 -480 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[13] -384 -384 tgt CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[14] -320 -320 tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[15] -160 -160 tgt CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[0] 35 35 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[1] 37 37 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[2] 39 39  $tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[3]$ 41 41 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[4] 43 43  $tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[5]$ 45 45 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[6] 47 47 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[7] 49 49 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[8] 51 51 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[9] 53 53 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[10] -2 -2 -4 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[11] -4 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[12] -6 -6 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[13] -8 -8 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[14] -10 -10 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[15] -12 -12 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[0] 2 2 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[1] 4 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[2] 6 6 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[3] 8 8 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[4] 10 10 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[5] 12 12 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[6] 14 14  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[7]$ 16 16 tat CurrTempOffCal.CurrOffsetY2 Volts s4p11[8] 18 18  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[9]$ 20 20 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[10] 23 23 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[11] 25 25 tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[12] 27 27 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[13] 29 29 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[14] 31 31  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[15]$ 33 33

Test Step 1.8 (Repeat Count = 1)	
Name	Input Value
CurrTempOffCal	tgt CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-1440
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	-1280
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	-1120
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	-960
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	-800
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	-640
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	-480
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	-160
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	0
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	320
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	640
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	960
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	1280
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	1920
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	2240
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	2560
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-53
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-53

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Name	Input Value		
tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[14]	-53		
	-53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]			
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		
	-12		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]			
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	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3]	-960	-960	<b>✓</b>
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[4]	-800	-800	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[5]	-640	-640	•
tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[6]	-480	-480	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	-160	-160	<b>~</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[8]	0	0	_
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[9]	320	320	·
		640	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[10]	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	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	-53	-53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	-53	-53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	-53	-53	~
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[5]	-53	-53	<b>✓</b>
tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[6]	-53	-53	-
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	-53	-53	<b>~</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	-53	-53	_
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	-53	-53	•
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	-53	-53	
	-53		
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]		-53	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	-53	-53	<b>—</b> •
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	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	43	43	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	45	45	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	47	47	-
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	49	49	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51	51	-
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53	53	•
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2	-2	
	-4	-4	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]			
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	~



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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] tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	896 1120		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	1344		
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	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 53		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-14		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16		
tgt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[2]	-18		
tqt 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 -672	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	-672 -448	-448	•
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[4]	-224	-224	
	224	224	•
tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[5] tgt_CurrTempOffCal.CurrTempOffSetX_DegC_s10p5[6]	448	448	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[7]	672	672	<b>→</b>
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	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[12]	1792	1792	<b>✓</b>
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[13]	2016	2016	<b>✓</b>
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	<u> </u>

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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	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[6]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[7]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[8]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[9]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	53	53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	-14	-14	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	-16	-16	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	-18	-18	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	-20	-20	<b>~</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	-23	-23	<b>~</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-25	-25	<b>~</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-27	-27	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-29	-29	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-31	-31	<b>~</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-33	-33	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-35	-35	<b>~</b>
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	<b>✓</b>

Nama	Imput Value
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
tat 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[1]	-51
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-51 -53
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	2

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Nome	Input Value		
Name  tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	Input Value 608		
tgt_rim_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] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	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	le	-
Name	Actual Value	Expected Value	Resu
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] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	416 512	416 512	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	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	
gt_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	
gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[14]	1568	1568	
gt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15]	1760	1760	
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	0	0	
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[1]	0	0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[2]	0	0	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[3]	0	0	
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[4]	0	0	
gt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[5]	0	0	
gt_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[9] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[10] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[11]	0 0 0	0 0 0	

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Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[13]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[14]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[15]	0	0	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[0]	35	35	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[1]	37	37	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[2]	39	39	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[3]	41	41	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[4]	43	43	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	45	45	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	47	47	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	49	49	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	51	51	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	53	53	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-2	-2	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-4	-4	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-6	-6	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-8	-8	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-10	-10	~
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-12	-12	<b>~</b>

lame	Input Value	
CurrTempOffCal	tgt CurrTempOffCal	
Rte Inst Sa CmMtrCurr	tgt Rte Inst Sa CmMtrCurr	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	-928	
gt_rim_curremponser.curremponserx_begc_s10p5[0] gt_Pim_CurrTempOffset.CurrTempOffsetX_begC_s10p5[1]	-608	
gt_Fiii_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	0	
gt_Fini_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	736	
gt_Fini_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	1056	
gt_Fini_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1408	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5] gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1568	
	2016	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7] gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2368	
	2688	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]		
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	2848	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3200	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3936	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4544	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4640	
gt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4768	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	-14	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	-16	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	-18	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	-20	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	-23	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	-25	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	-27	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[7]	-29	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[8]	-31	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[9]	-33	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[10]	-35	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[11]	-37	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[12]	-39	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-41	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[14]	-43	
gt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[15]	-45	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[0]	-14	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[1]	-16	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[2]	-18	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[3]	-20	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[4]	-23	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	-25	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	-27	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	-29	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[8]	-31	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	-33	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	-35	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	-37	
gt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[12]	-39	
gt Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[13]	-41	

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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)	<b>✓</b>
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

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Input Value tqt Pim CurrTempOffset.CurrTempOffsetX DegC s10p5[14] 4480 4800  $tgt\_Pim\_CurrTempOffset.CurrTempOffsetX\_DegC\_s10p5[15]$ tat 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 tqt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[4] 2  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[5]$ 4 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[6] 6  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[7]$ 8 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[8] 10  $tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[9]$ 12 tgt\_Pim\_CurrTempOffset.CurrOffsetY1\_Volts\_s4p11[10] 14 16 tgt Pim CurrTempOffset.CurrOffsetY1 Volts s4p11[11] 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 tat Pim CurrTempOffset.CurrOffsetY2 Volts s4p11[10] -53 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[11] -53 tat 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 **Expected Value Actual Value** 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 tot 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 tqt 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 4800 4800 tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[15] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[0] -47 -47 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[1] -49 -49 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[2] -51 -51 -53 tgt CurrTempOffCal.CurrOffsetY1 Volts s4p11[3] -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 23 tat CurrTempOffCal.CurrOffsetY1 Volts s4p11[14] 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 -53  $tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[3]$ -53 tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[4] -53 -53

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Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[5]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[6]	-53	-53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[7]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[8]	-53	-53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[9]	-53	-53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	-53	-53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	-53	-53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[12]	-53	-53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	-53	-53	✓
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	-53	-53	<b>✓</b>
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[15]	-53	-53	<b>✓</b>

Test Step 1.14 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
CurrTempOffCal	tgt_CurrTempOffCal			
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr			
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			
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		

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**Actual Value Expected Value**  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[5]$ tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[6]  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[7]$  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[8]$  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[9]$  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[10]$ tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[11]  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[12]$ tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[13]  $tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[14]$ tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[15] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[0] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[1] tat CurrTempOffCal.CurrOffsetY1 Volts s4p11[2] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[3] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[4]  $tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[5]$ tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[6] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[7] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[8] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[9] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[10] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[11] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[12] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[13] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[14] tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[15] tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[0] tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[1] tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[2] tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[3] tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[4] tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[5] tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[6] tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[7] tgt CurrTempOffCal.CurrOffsetY2 Volts s4p11[8] tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[9] tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[10] tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[11] tat CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[12] tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[13] tgt CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[14] 

Test Step 1.15 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CurrTempOffCal	tgt_CurrTempOffCal
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[0]	32
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[1]	352
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[2]	672
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[3]	992
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[4]	1312
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[5]	1632
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[6]	1952
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[7]	2272
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[8]	2592
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[9]	2912
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[10]	3232
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[11]	3552
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[12]	3872
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[13]	4192
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[14]	4512
tgt_Pim_CurrTempOffset.CurrTempOffsetX_DegC_s10p5[15]	4768
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[0]	35
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[1]	37
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[2]	39
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[3]	41
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[4]	43
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[5]	45
tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[6]	47

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[15]

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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] tgt_Pim_CurrTempOffset.CurrOffsetY1_Volts_s4p11[13]	-6 -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] 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	Resul
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[0]	32	32	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[1]	352	352	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[2]	672 992	672 992	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[3] tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	1312	1312	
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[4]	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 4768	4512	•
tgt_CurrTempOffCal.CurrTempOffsetX_DegC_s10p5[15] tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[0]	35	4768 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 -6	-4 -6	
tgt_CurrTempOffCal.CurrOffsetY1_Volts_s4p11[12] 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] tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	20 23	20 23	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[10]	25	25	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[11]	27	27	
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[13]	29	29	

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Name	Actual Value	Expected Value	Result
tgt_CurrTempOffCal.CurrOffsetY2_Volts_s4p11[14]	31	31	✓
tot 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] tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[5]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[6]	0		
tgt_Fim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	0		
tgt_Fim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[7]	0		
tgt_Fim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	0		
tgt_Fim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[9]	0		
tgt_Fim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[10]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[11]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[13]	0		
tgt_rim_currTempOffset.CurrOffsetY2_Volts_s4p11[13]	0		
tgt_Pim_CurrTempOffset.CurrOffsetY2_Volts_s4p11[15]	0		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_CurrTempOffset			
	tgt_Pim_CurrTempOffset	Four stad Malor	ln
Name	Actual Value	Expected Value	Resu
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	

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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	<b>✓</b>

Test Step 1.17 (Repeat Count = 1)	<b>✓</b>
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

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Input Value tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[0] -14 -16 tgt\_Pim\_CurrTempOffset.CurrOffsetY2\_Volts\_s4p11[1] tat 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 **Actual Value Expected Value** Result tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[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 4032 4032 tat CurrTempOffCal.CurrTempOffsetX DeaC s10p5[13] tgt\_CurrTempOffCal.CurrTempOffsetX\_DegC\_s10p5[14] 4352 4352 tgt CurrTempOffCal.CurrTempOffsetX DegC s10p5[15] 4672 4672 tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[0] -47 -47 **v** 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 tot 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 tqt CurrTempOffCal.CurrOffsetY1 Volts s4p11[10] 14 14 16  $tgt\_CurrTempOffCal.CurrOffsetY1\_Volts\_s4p11[11]$ 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

-33

-35

-37

-39

-41

-43

-45

-33

-35 -37

-39

-41

-43

-45

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[9]

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[10]

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[11]

tqt CurrTempOffCal.CurrOffsetY2 Volts s4p11[12]

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[13]

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[14]

tgt\_CurrTempOffCal.CurrOffsetY2\_Volts\_s4p11[15]

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CmMtrCurr\_Per2

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASECA\_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	<b>~</b>
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= -DMTRCURRPHASECA -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\\$(PROJECTROOT)\CmMtrCurr\include -I\\$(PROJECTROOT)\NxtrLib\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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Spo	ecification
Name	Text



Module 'CmMtrCurr MTRCURRPHASECA ON 

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

Code File(s) Version:2
Module Design Document: CmMtrCurr\_MDD.docx
Module Design Document Version:2
Data Dictionary Version:2
Unit Test Plan Version:2
Optimization Level: Level 2
Compiler (CodeGen) Version:TMS470\_4.9.5
Model Type: Excel Macro
Model Version: Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32
Total FLASH Used (Bytes):3176
Total RAM Used (Bytes):130
Total CALS Used (Bytes):46
Special Test Requirements:NA
Test Date: 7/23/2016

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

Note2:- ""CBD\_Sandbox\_dbg.map"" map file is embedded for reference.

Note3:-In function ""CmMtrCurr\_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :MtrCurr2SumHi\_Volt\_M\_f32 , VecuSum\_Volt\_M\_f32 , MtrCurr1SumLo\_Volt\_M\_f32, MtrCurr2SumLo\_Volt\_M\_f32,
MtrCurr1SumZero\_Volt\_M\_f32,MtrCurr2SumZero\_Volt\_M\_f32, CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16 .

Note4:-In function CurrDQPer1(), variables 'MtrCurrK1\_Amps\_f32' and 'MtrCurrK2\_Amps\_f32' are going to very large values."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_Ps.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 Per

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

CPU Cycles:

TS1.1 2382.00cycles TS1.2 2244.00cycles

**Description** VECTOR DESCRIPTION:

 $TS1.1 \quad Shortest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = True \\ TS1.2 \quad Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ TS1.2 \quad Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_f32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps\_T\_f32) > k\_CurrCorrErrThresh\_Amps\_F32 ) = False \\ Longest \ Execution \ Path==> (\ Abs\_f32\_m(FiltCurrCorrDiag\_Amps$ 

Test Step 1.1 (Repeat Count = 1)			<b>✓</b>
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_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	42.1503754	42.1503754 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.09985352	2.09985352 ± 32	<b>~</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.79187012	3.79187012 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1127350984	1127350984 ± 1	<b>~</b>
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	~

Т				<b>✓</b>
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)	The state of the s
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

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Name	Input Value				
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_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	~		



#### **Test Case 2: Range Test**

#### Specification

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

CPU Cycles:

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

#### Description

#### VECTOR DECRIPTION:

TS2.1 All Min

TS2.2 All Max

TS2.3 MtrCurrAngle\_Rev\_f32==>Min TS2.4 MtrCurrAngle\_Rev\_f32==>Max TS2.5 MtrCurrAngle\_Rev\_f32==>Pos

TS2.6 CorrMtrPosElec\_Rev\_f32==>Min TS2.7 CorrMtrPosElec\_Rev\_f32==>Max TS2.8 CorrMtrPosElec\_Rev\_f32==>Pos

TS2.9 MtrCurrK1\_Amp\_f32==>Min TS2.10 MtrCurrK1\_Amp\_f32==>Max TS2.11 MtrCurrK1\_Amp\_f32==>Pos

TS2.12 MtrCurrK1\_Amp\_f32==>Zero

TS2.13 MtrCurrK1\_Amp\_f32==>Neg TS2.14 MtrCurrK2\_Amp\_f32==>Min

TS2.15 MtrCurrK2\_Amp\_f32==>Max
TS2.16 MtrCurrK2\_Amp\_f32==>Pos
TS2.17 MtrCurrK2\_Amp\_f32==>Zero

TS2.17 MtrCurrK2\_Amp\_132==>Zero
TS2.18 MtrCurrK2\_Amp\_132==>Neg
TS2.19 ADCMtrCurr1\_Volts\_132==>Min
TS2.20 ADCMtrCurr1\_Volts\_132==>Max
TS2.21 ADCMtrCurr1\_Volts\_132==>Pos
TS2.22 ADCMtrCurr2\_Volts\_132==>Min
TS2.23 ADCMtrCurr2\_Volts\_132==>Max
TS2.24 ADCMtrCurr2\_Volts\_132==>Pos
TS2.25 MtrCurr1\_Volts\_132==>Pos
TS2.26 MtrCurr1\_Volts\_132==>Pos
TS2.27 MtrCurr1\_PFltrSV\_Volts\_M\_u3p29==>Min
TS2.28 MtrCurr1LpFltrSV\_Volts\_M\_u3p29==>Pos
TS2.28 k\_CurrOffGainKn\_Cnt\_u16==>Min
TS2.29 k\_CurrOffGainKn\_Cnt\_u16==>Min

TS2.29

TS2.30

TS2.31 TS2.32

k\_CurrOffGainKn\_Cnt\_u16==>Max k\_CurrOffGainKn\_Cnt\_u16==>Pos/Default MtrCurr2LpFltrSV\_Volts\_M\_u3p29==>Min MtrCurr2LpFltrSV\_Volts\_M\_u3p29==>Max MtrCurr2LpFltrSV\_Volts\_M\_u3p29==>Pos TS2.33

TS2.34 k\_CurrCorrErrThresh\_Amps\_f32==>Min/Default

k\_CurrCorrErrThresh\_Amps\_f32==>Max k\_CurrCorrErrThresh\_Amps\_f32==>Pos TS2 35 TS2.36

TS2.37

TS2.38

CurrCorrDiagKSV\_M\_str.SV==>Min CurrCorrDiagKSV\_M\_str.SV==>Max CurrCorrDiagKSV\_M\_str.SV==>Zero CurrCorrDiagKSV\_M\_str.SV==>Pos TS2.39 TS2.40

CurrCorrDiagKSV\_M\_str.SV==>Neg CurrCorrDiagKSV\_M\_str.K==>Min CurrCorrDiagKSV\_M\_str.K==>Max TS2.41

TS2.42

TS2.43

TS2.44 CurrCorrDiagKSV\_M\_str.K==>Pos

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 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)$ 





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	i e		
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	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_f3	2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f3	2		
Name	Actual Value	Expected Value	Resul	
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	•	

T				<b>✓</b>
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	<b>✓</b>
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	<b>✓</b>

Test Step 2.2 (Repeat Count = 1)			<b>✓</b>
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_Vd	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosit	ion_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	ev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_	<u>f</u> 32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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	<b>₩</b>



T				<b>✓</b>
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	26.5879002		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.0238000005			
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1073741824			
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0	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_CorrMtrCurrPos	ition_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_R	Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp	o_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp	o_f32		
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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	<b>✓</b>	

Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	53.1758003		
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_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurr	Position_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	e_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_A	Amp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_A	Amp_f32	
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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				<b>✓</b>
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	<b>✓</b>
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	<b>~</b>

Test Step 2.5 (ReNeat Count = 1) nt = 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_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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	~

Τ				
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	<b>✓</b>

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Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	86.38237	86.38237 ± 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	~

Τ				<b>✓</b>
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	

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)$ 

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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_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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	~

T				<b>✓</b>
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	<b>✓</b>

Test Step 2.9 (Repeat Count = 1)			<b>✓</b>
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_Volt	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volt	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPositio	n_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f3	32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	189.723221	189.723236 ± 0.001	<b>✓</b>
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.575927734	0.575927734 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.909545898	0.909545898 ± 32	<b>✓</b>
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	309218616	309218616 ± 1	<b>✓</b>
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	<b>✓</b>

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	~		

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)$ 





Name	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.SV UIs 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_Volt	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volt	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	n_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f	32	
Name	Actual Value	Expected Value	Resul
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	•

Т					
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	<b>~</b>	
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_Vol	ts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vol	ts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	on_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev	/_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f	32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	157.174316	157.174332 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	0.932739258	0.932739258 ± 32	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.04675293	1.04675293 ± 32	<b>✓</b>
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	500774036	500774036 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	562008140	562008140 ± 1	<b>✓</b>
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	<b>✓</b>



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	Input Value		
CmMtrCurr CurrCorrDiagKSV M str.SV UIs 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		
tqt 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_V	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_V	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosi	tion_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_R	ev_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	-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	•

Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~	
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~	
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~	

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	213.124634		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.261799991		
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	536870912		
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrThresh_Amps_f32	45.5535393		
k_CurrOffGainKn_Cnt_u16	21466		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	2.20454574		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	0.840689898		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.797756791		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	0.0898677111		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-193.109467		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	-45.276535		
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	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrP	osition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_A	mp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_A	mp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	126.550911	126.550919 ± 0.001	•
			<b>₩</b>

Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)

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

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_V	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_V	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosi	tion_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	ev_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	<b>✓</b>
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	<b>✓</b>
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	<b>✓</b>

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	<b>✓</b>	
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	

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CmMtrCurr\_Per2

Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f3:	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	<b>✓</b>

Test Step 2.16 (Repeat Count = 1)			<b>✓</b>
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_Vol	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vol	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	on_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev	v_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_t	f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_t	f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-44.2701263	-44.2701263 ± 0.001	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	421450128	421450128 ± 1	-
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	<b>✓</b>
Rte Call Sa CmMtrCurr NxtrDiagMgr SetNTCStatus(Param Cnt T u08)	1	1	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	<b>✓</b>
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	

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)$ 

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(NTC\_Cnt\_T\_enum)$ 

Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Param\_Cnt\_T\_u08)
Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)

CmMtrCurr\_Per2

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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_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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	~

T				<b>✓</b>
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	~

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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_Vol	ts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vol	ts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	n_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f	32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	40.3145828	40.3145981 ± 0.001	<b>✓</b>
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.58898926	3.58898926 ± 32	<b>✓</b>
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	~
DI O II O O MIO NI DI MIO NITONI I ID O I T ON		1.	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	-

Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Param\_Cnt\_T\_u08)
Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)





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_CorrMtrCurrPo	sition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Am	np_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Am	np_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	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	1.43139648	1.43139648 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	561414144	561414144 ± 1	<b>✓</b>
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	~

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	<b>✓</b>
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	<b>✓</b>

Test Step 2.20 (Repeat Count = 1)			<b>✓</b>
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_Vd	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vd	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosit	ion_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	ev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_	<u>f</u> 32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-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	<b>✓</b>



T				<b>✓</b>
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)			<b>~</b>
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_Volt	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volt	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPositio	n_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f3	32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-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	<b>~</b>
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	•

Τ				
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)			V
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_\	/olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_\	/olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPos	ition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_R	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp	o_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp	o_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	101.157906	101.15789 ± 0.001	~
			<b>✓</b>

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CmMtrCurr_Per	2

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)	Innut Value		
Name	Input Value	·	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_UIs_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_CorrMtrCurrPos	sition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp	o_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp	o_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	74.9952164	74.9952164 ± 0.001	<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	118874112	118874112 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	<b>✓</b>
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	<b>✓</b>
Rte Call Sa CmMtrCurr NxtrDiagMar SetNTCStatus(Status Cnt T enum)	1	1	<b>✓</b>

T				<b>✓</b>
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	<b>✓</b>
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.24 (Repeat Count = 1)		<b>✓</b>
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	

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CmMtrCurr\_Per2

Name	Input Value		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-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	<b>~</b>	

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		
k_CurrCorrErrThresh_Amps_f32	38.5240631		
k_CurrOffGainKn_Cnt_u16	45017		
tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32.value	3		
tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32.value	1.62952256		
tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32.value	0.812763333		
tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32.value	1		
tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32.value	-168.295731		
tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32.value	67.0593872		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_V	/olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_V	/olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPos	ition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_R	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp	o_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Resul
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-105.387314	-105.387337 ± 0.001	•
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.06066895	2.06066895 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.37158203	2.37158203 ± 32	•
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1106337792	1106337792 ± 1	•
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1273298525	1273298525 ± 1	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	•
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	

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	<b>✓</b>
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	-

Test Step 2.26 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-106.351601	
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.571200013	
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2684354560	
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1073741824	
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr	

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)$ 

 $CmMtrCurr\_MtrCurr2LpFltrSV\_Volt\_M\_u3p29$ 

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(NTC\_Cnt\_T\_enum)$ 

Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Param\_Cnt\_T\_u08)
Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)

CmMtrCurr\_Per2

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86

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  $tgt\_CmMtrCurr\_Per2\_CorrMtrCurrPosition\_Rev\_f32.value$ 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 **Actual Value Expected Value** 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

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	<b>✓</b>	

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Name	Input Value		
	· ·		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_UIs_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_ADCMtrCurr	1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrl	Position_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	e_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt CmMtrCurr Per2 MtrCurrK1 Amp f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_A	Amp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	17.7312012	17.7311745 ± 0.001	-
CmMtrCurr FiltMtrCurr1 Volt M f32	0.970703125	0.970703125 ± 32	<b>✓</b>
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	

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	<b>✓</b>
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

0

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Param\_Cnt\_T\_u08)$ 

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)$ 

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Param\_Cnt\_T\_u08) \\ Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum) \\$ 



Test Step 2.28 (Repeat Count = 1)			<b>✓</b>
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_t	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-99.2282715	-99.2282715 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1	1 ± 32	<b>✓</b>
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	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	<b>✓</b>
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.29 (Repeat Count = 1)			V
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_V	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vd	blts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosit	ion_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	ev_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	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.177856445	0.177856445 ± 32	<b>✓</b>
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	147224378	147224378 ± 1	✓
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	95517263	95517263 ± 1	<b>✓</b>
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	✓
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	<b>✓</b>
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)			<b>✓</b>
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	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition	n_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f3	2	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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	•

Т					
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	~	

0

Input Value		
-58.029438		
0.690199971		
536870912		
0		
tgt_Rte_Inst_Sa_CmMtrCurr		
9.27418709		
21237		
1.58795404		
1.87979484		
0.999984741		
0.959956527		
-27.4667473		
-58.029438		
tgt_CmMtrCurr_Per2_ADCMtrCu	rr1_Volts_f32	
tgt_CmMtrCurr_Per2_CorrMtrCur	rrPosition_Rev_f32	
	~ <del></del>	
tgt_CmMtrCurr_Per2_MtrCurrK2_	_Amp_f32	
Actual Value	Expected Value	Resul
-26.3629303	-26.3629189 ± 0.001	
	-58.029438 0.690199971 536870912 0 tgt_Rte_Inst_Sa_CmMtrCurr 9.27418709 21237 1.58795404 1.87979484 0.999984741 0.959956527 -27.4667473 -58.029438 tgt_CmMtrCurr_Per2_ADCMtrCutgt_CmMtrCurr_Per2_ADCMtrCutgt_CmMtrCurr_Per2_ADCMtrCutgt_CmMtrCurr_Per2_MtrCurrAnttgt_CmMtrCurr_Per2_MtrCurrK1 tgt_CmMtrCurr_Per2_MtrCurrK1 tgt_CmMtrCurr_Per2_MtrCurrK1 tgt_CmMtrCurr_Per2_MtrCurrK2 Actual Value	-58.029438 0.690199971 536870912 0 tgt_Rte_inst_Sa_CmMtrCurr 9.27418709 21237 1.58795404 1.87979484 0.999984741 0.959956527 -27.4667473 -58.029438 tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32 tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32 tgt_CmMtrCurr_Per2_CorrMtrCurrProsition_Rev_f32 tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32 tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32 tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32 Actual Value  Expected Value

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)$ 

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CmMtrCurr_	Per2

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_V	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosi	tion_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	ev_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	<b>✓</b>
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.92590332	1.92590332 ± 32	✓
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.80554199	4.80554199 ± 32	<b>✓</b>
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	<b>✓</b>
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	<b>✓</b>
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓

Τ				<b>✓</b>
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)		<b>✓</b>
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	

Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Param\_Cnt\_T\_u08)
Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)

CmMtrCurr\_Per2

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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 **Expected Value** Result Name **Actual Value** 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 2268113074 ± 1  $CmMtrCurr\_MtrCurr1LpFltrSV\_Volt\_M\_u3p29$ 2268113074 CmMtrCurr\_MtrCurr2LpFltrSV\_Volt\_M\_u3p29 1746645432 1746645432 ± 1  $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(NTC\_Cnt\_T\_enum)$ 86 86

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	~

0

0

Test Step 2.34 (Repeat Count = 1)	Innet Value		
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_Volt	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volt	s_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPositio	n_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev	_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f3	32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-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	

Τ				<b>✓</b>
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	<b>✓</b>
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	-

Test Step 2.35 (Repeat Count = 1)		<b>~</b>
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	

 $Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)$ 

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CmMtrCurr\_Per2

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_ADCMtr	Curr2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtr0	CurrPosition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurr/	Angle_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurr	<1_Amp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurr	<2_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	<b>✓</b>
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	<b>✓</b>

T				<b>✓</b>
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	<b>✓</b>

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_V	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_V	olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosit	tion_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	ev_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	<b>✓</b>
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	2.59472656	2.59472656 ± 32	•
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.20898438	2.20898438 ± 32	<b>✓</b>
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1393047346	1393047346 ± 1	<b>✓</b>
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	<b>✓</b>

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~



Test Step 2.37 (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_V	/olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_V	/olts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPos	ition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_R	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	<b>✓</b>
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	1765392384	1765392384 ± 1	~
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	520402628	520402628 ± 1	<b>✓</b>
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	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Test Step 2.38 (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_f3	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	80.051651	80.0516663 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.11755371	4.11755371 ± 32	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.29187012	3.29187012 ± 32	~
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2210658660	2210658660 ± 1	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1767343158	1767343158 ± 1	<b>✓</b>
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				<b>✓</b>
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)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	0		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.952000022		
CmMtrCurr_MtrCurr1LpFitrSV_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_CorrMtrCurr	osition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle	_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Ar	mp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Ar	mp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-89.3500671	-89.3501587 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	3.02685547	3.02685547 ± 32	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	3.58898926	3.58898926 ± 32	<b>✓</b>
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	<b>✓</b>

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	~

Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	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_ADCMtrCu	rr1_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCu		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCur	rPosition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAng		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_		
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	•
			•

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CmMtrCurr\_Per2

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	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	<b>~</b>
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_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPositi	on_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	v_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_	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	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	2.37109375	2.37109375 ± 32	<b>✓</b>
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	774666572	774666572 ± 1	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1272973742	1272973742 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	<b>~</b>
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	<b>~</b>

Τ				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	•

Name	Input Value	
CmMtrCurr CurrCorrDiagKSV M str.SV Uls f32	-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	

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CmMtrCurr\_Per2

Name	Input Value			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f3	tgt_CmMtrCurr_Per2_ADCMtrCurr1_Volts_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f3	32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_F	Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	2		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32			
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32			
Name	Actual Value	Expected Value	Result	
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-51.3600006	-51.3600006 ± 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				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	~
Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	Rte Call CmMtrCurr Per2 CP1 CheckpointReached	1	<b>✓</b>

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_ADCMtrCurr	2_Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurr	Position_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngl	e_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_/	Amp_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_/	Amp_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	-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	<b>✓</b>
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	916635920	916635920 ± 1	<b>✓</b>
CmMtrCurr_MtrCurr2LpFltrSV_Volt_M_u3p29	1045352424	1045352424 ± 1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	86	86	<b>✓</b>
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	-
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	<b>✓</b>

Τ			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP0_CheckpointReached	1	~
Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Sa_CmMtrCurr_NxtrDiagMgr_SetNTCStatus	1	<b>✓</b>
Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	Rte_Call_CmMtrCurr_Per2_CP1_CheckpointReached	1	-

Test Step 2.44 (Repeat Count = 1)		<b>✓</b>
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	

CmMtrCurr\_Per2

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Name	Input Value		
k_CurrCorrErrThresh_Amps_f32	26.3857727	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_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Volts_f	32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Rev_f3:	2	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_f32		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	106.793259	106.793236 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	1.06225586	1.06225586 ± 32	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	0.0966796875	0.0966796875 ± 32	<b>✓</b>
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	~

T			<b>✓</b>	
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

Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Param\_Cnt\_T\_u08)
Rte\_Call\_Sa\_CmMtrCurr\_NxtrDiagMgr\_SetNTCStatus(Status\_Cnt\_T\_enum)

Description

VECTOR DESCRIPTION:

 $\label{eq:total_$ 

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_t	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_t	Volts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPos	sition_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_f	Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Am	p_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Am	p_f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	147.949432	147.949432 ± 0.001	~
CmMtrCurr_FiltMtrCurr1_Volt_M_f32	4.60693359	4.60693359 ± 32	<b>✓</b>
CmMtrCurr_FiltMtrCurr2_Volt_M_f32	4.39111328	4.39111328 ± 32	-
CmMtrCurr_MtrCurr1LpFltrSV_Volt_M_u3p29	2473353374	2473353374 ± 1	~

2357464284

 $CmMtrCurr\_MtrCurr2LpFltrSV\_Volt\_M\_u3p29$ 

2357464284 ± 1

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CmMtrCurr\_Per2

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	<b>✓</b>

Τ				<b>✓</b>
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_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_ADCMtrCurr2_Volts_f32	tgt_CmMtrCurr_Per2_ADCMtrCurr2_Vo	lts_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_CorrMtrCurrPosition_Rev_f32	tgt_CmMtrCurr_Per2_CorrMtrCurrPositi	on_Rev_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrAngle_Rev_f32	tgt_CmMtrCurr_Per2_MtrCurrAngle_Re	v_f32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK1_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK1_Amp_	<u>f</u> 32	
tgt_Rte_Inst_Sa_CmMtrCurr.CmMtrCurr_Per2_MtrCurrK2_Amp_f32	tgt_CmMtrCurr_Per2_MtrCurrK2_Amp_	f32	
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.SV_Uls_f32	17.7312012	17.7311745 ± 0.001	<b>✓</b>
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	<b>✓</b>

T				<b>✓</b>
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	~

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CmMtrCurr\_Init

Project CmMtrCurr1

Module CmMtrCurr\_MTRCURRPHASECA\_ON

Test Object CmMtrCurr\_Init

### Instrumentation: Test Object Only

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

### **Statistics**

Total Testcases	3	
Successful	3	<b>~</b>
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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\NxtrLib\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= -DMTRCURRPHASECA -I\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\$(PROJECTROOT)\CmMtrCurr\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Spe	ecification
Name	Text



Module 'CmMtrCurr MTRCURRPHASECA ON 

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

Code File(s) Version:2
Module Design Document: CmMtrCurr\_MDD.docx
Module Design Document Version:2
Data Dictionary Version:2
Unit Test Plan Version:2
Optimization Level: Level 2
Compiler (CodeGen) Version:TMS470\_4.9.5
Model Type: Excel Macro
Model Version: Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32
Total FLASH Used (Bytes):3176
Total RAM Used (Bytes):130
Total CALS Used (Bytes):46
Special Test Requirements:NA
Test Date: 7/23/2016

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

Note2:- ""CBD\_Sandbox\_dbg.map"" map file is embedded for reference.

Note3:-In function ""CmMtrCurr\_Per3"" some variables are going out of range for some vectors,accepted by devloper variables are :-MtrCurr2SumHi\_Volt\_M\_f32 , VecuSum\_Volt\_M\_f32 , MtrCurr1SumLo\_Volt\_M\_f32, MtrCurr2SumLo\_Volt\_M\_f32, MtrCurr1SumZero\_Volt\_M\_f32,MtrCurr2SumZero\_Volt\_M\_f32, CmMtrCurr\_CurrOffAvgCounter\_Cnt\_M\_u16 .

Note4:-In function CurrDQPer1(), variables 'MtrCurrK1\_Amps\_f32' and 'MtrCurrK2\_Amps\_f32' are going to very large values."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_Ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CmMtrCurr_FDD1C_010.0_NoUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



### Test Case 1: Metrics Test

Specification

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

TS1.1 526.00 Cycles TS1.2 602.00 Cycles

Description VECTOR DESCRIPTION:

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	<b>✓</b>

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	<b>✓</b>



# Test Case 2: Range Test Specification Performance Metrics : [With "None" Instrumentation and WithPS Environment] CPU Cycles: 124.00 Cycles 513.00 Cycles 568.00 Cycles 568.00 Cycles 547.00 Cycles 531.00 Cycles 510.00 Cycles 558.00 Cycles 526.00 Cycles 526.00 Cycles 124.00 Cycles 124.00 Cycles 574.00 Cycles 574.00 Cycles 574.00 Cycles 574.00 Cycles TS2.1 TS2.2 TS2.2 TS2.3 TS2.4 TS2.5 TS2.6 TS2.7 TS2.8 TS2.9 TS2.10 TS2.11 TS2.14 TS2.15 TS2.16 TS2.17 Description VECTOR DESCRIPTION: TS2.1 All Min 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==>Max 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==>Max TS2.10 Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==Ax TS2.10 Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==Ax TS2.1 TS2.10 Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Max TS2.11 Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32==>Pos TS2.11 Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_Volt0 TS2.12 k\_CurrCorrErrFiltFc\_Hz\_f32==>Min TS2.13 k\_CurrCorrErrFiltFc\_Hz\_f32==>Max TS2.14 k\_CurrCorrErrFiltFc\_Hz\_f32==>Pos TS2.15 CmMtrCurr\_CurrCorrDiagKSV\_M\_str.K==>Min TS2.16 CmMtrCurr\_CurrCorrDiagKSV\_M\_str.K==>Max TS2.17 CmMtrCurr\_CurrCorrDiagKSV\_M\_str.K==>Pos

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0		
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr		
k_CurrCorrErrFiltFc_Hz_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurrVcalCmd_VoltCnts_f32	0		
tgt_Pim_ShCurrCal.EOLMtrCurr1OffsetDiff_Volts_f32	1		
tgt_Pim_ShCurrCal.EOLMtrCurr2OffsetDiff_Volts_f32	1		
tgt_Rte_Inst_Sa_CmMtrCurr.Pim_ShCurrCal	tgt_Pim_ShCurrCal		
Name	Actual Value	Expected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0	0 ± 0.000009	<b>✓</b>
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	<b>✓</b>
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	<b>✓</b>

Test Step 2.2 (Repeat Count = 1)			<b>✓</b>
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)		<b>✓</b>
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	

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CmMtrCurr\_Init

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	<b>✓</b>
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	<b>~</b>
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	0	0 ± 0.00001	<b>✓</b>

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)			<b>✓</b>
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	<b>✓</b>
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	1.38876912e-005	1.38877003e-005 ± 0.00001	<b>✓</b>

Test Step 2.7 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>



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)			<b>✓</b>
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	Ō	0 ± 0.00001	~
CmMtrCurr_MtrCurr2OffDelta_VoltpVoltCnt_M_f32	0	0 ± 0.00001	~

Test Step 2.10 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>
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 Ex	xpected Value	Result
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.996940851 0.	996940851 ± 0.000009	•
CmMtrCurr_MtrCurr1OffDelta_VoltpVoltCnt_M_f32	2.40841182e-005 2.40841182e-005	40841e-005 ± 0.00001	•
CmMtrCurr MtrCurr2OffDelta VoltpVoltCnt M f32	5.68202558e-005 5.	68202995e-005 ± 0.00001	-

Test Step 2.12 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.588
Rte_Inst_Sa_CmMtrCurr	tgt_Rte_Inst_Sa_CmMtrCurr

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CmMtrCurr\_Init

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	<b>✓</b>

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	<b>✓</b>

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	<b>✓</b>

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)			Ť	
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	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:

 $TS3.1 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) == > True \\ TS3.2 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) == > False \\ TS3.2 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) == > False \\ TS3.2 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) == > False \\ TS3.2 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) == > False \\ TS3.2 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) == > False \\ TS3.2 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) == > False \\ TS3.2 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) == > False \\ TS3.2 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) == > False \\ TS3.2 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) == > False \\ TS3.2 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) == > False \\ TS3.2 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrVcalCmd\_VoltCnts\_f32) >= D\_MINVCALCMD\_CNT\_F32) == > False \\ TS3.2 \quad If ((Rte\_Pim\_ShCurrCal.EOLMtrCurrCal.EOL$ 

Test Step 3.1 (Repeat Count = 1)			V
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	Resul
CmMtrCurr_CurrCorrDiagKSV_M_str.K_Uls_f32	0.988924623	009

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CmMtrCurr\_Init

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

CmMtrCurr\_SCom\_MtrCurrOffReadStatus

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Project CmMtrCurr1

 Module
 CmMtrCurr\_MTRCURRPHASECA\_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= -DMTRCURRPHASECA -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\\$(PROJECTROOT)\CmMtrCurr\utp\\include -I\\$(PROJECTROOT)\NxtrLib\\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= -DMTRCURRPHASECA -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtrCurr -I\\$(PROJECTROOT)\CmMtrCurr\utp\contract\Sa_CmMtr\utp\contract\Sa_CmMtr\utp\contract\Sa

Comments/Description/Spe	ecification
Name	Text
Module 'CmMtrCurr_MTRCURRPHASECA_ON	Name of Tester:Chandrakanth Sheegi Code File(s) Under Test:Sa_CmMtrCurr.c Code File(s) Version:2 Module Design Document:CmMtrCurr_MDD.docx Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:18470_4.9.5 Model Type:Excel Macro Model Vype:Excel Macro Model Vype:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32 Total FLASH Used (Bytes):3176 Total FLASH Used (Bytes):3176 Total RAM Used (Bytes):46 Special Test Requirements:NA Test Date:7/23/2016 Comments: "Note1: Inline functions defined in globalmacro.h are not unit tested. Note2:- ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3:-In function ""CmMtrCurr_Per3"" some variables are going out of range for some vectors, accepted by devloper variables are :- MtrCurr2SumHi_Volt_M_f32_, VecuSum_Volt_M_f32_, MtrCurr1SumLo_Volt_M_f32_, MtrCurr2SumLo_Volt_M_f32_, MtrCurr1SumZero_Volt_M_f32_, VecuSum_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

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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_Ps.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]

TS1.1 8.00 Cycles TS1.2 8.00 Cycles TS1.3 8.00 Cycles TS1.4 8.00 Cycles

#### VECTOR DESCRIPTION: Description

TS1.1 CurroffProcessFlag\_M\_enum=CURROFF\_INIT
TS1.2 CurroffProcessFlag\_M\_enum=CURROFF\_PROCESSING
TS1.3 CurroffProcessFlag\_M\_enum=CURROFF\_PASS
TS1.4 CurroffProcessFlag\_M\_enum=CURROFF\_FAIL

Test Step 1.1 (Repeat Count = 1)			<b>✓</b>
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)			<b>✓</b>
Name	Input Value		
CmMtrCurr_CurroffProcessFlag_M_enum	1		
CurrOffStatus	tgt_CurrOffStatus		
Name	Actual Value	Expected Value	Result
tgt_CurrOffStatus	1	1	<b>✓</b>

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	<b>✓</b>

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	~